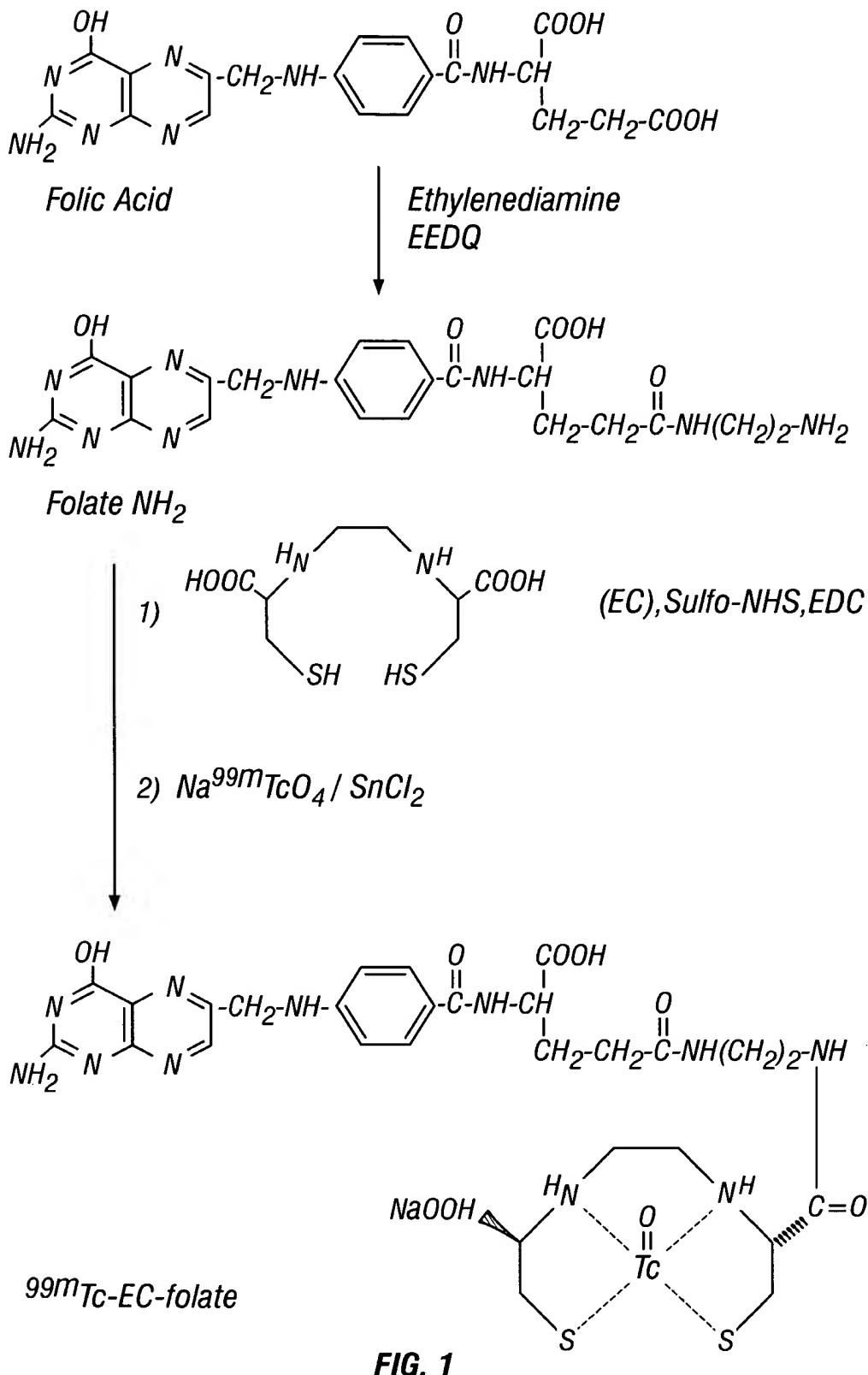


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BEST AVAILABLE COPY

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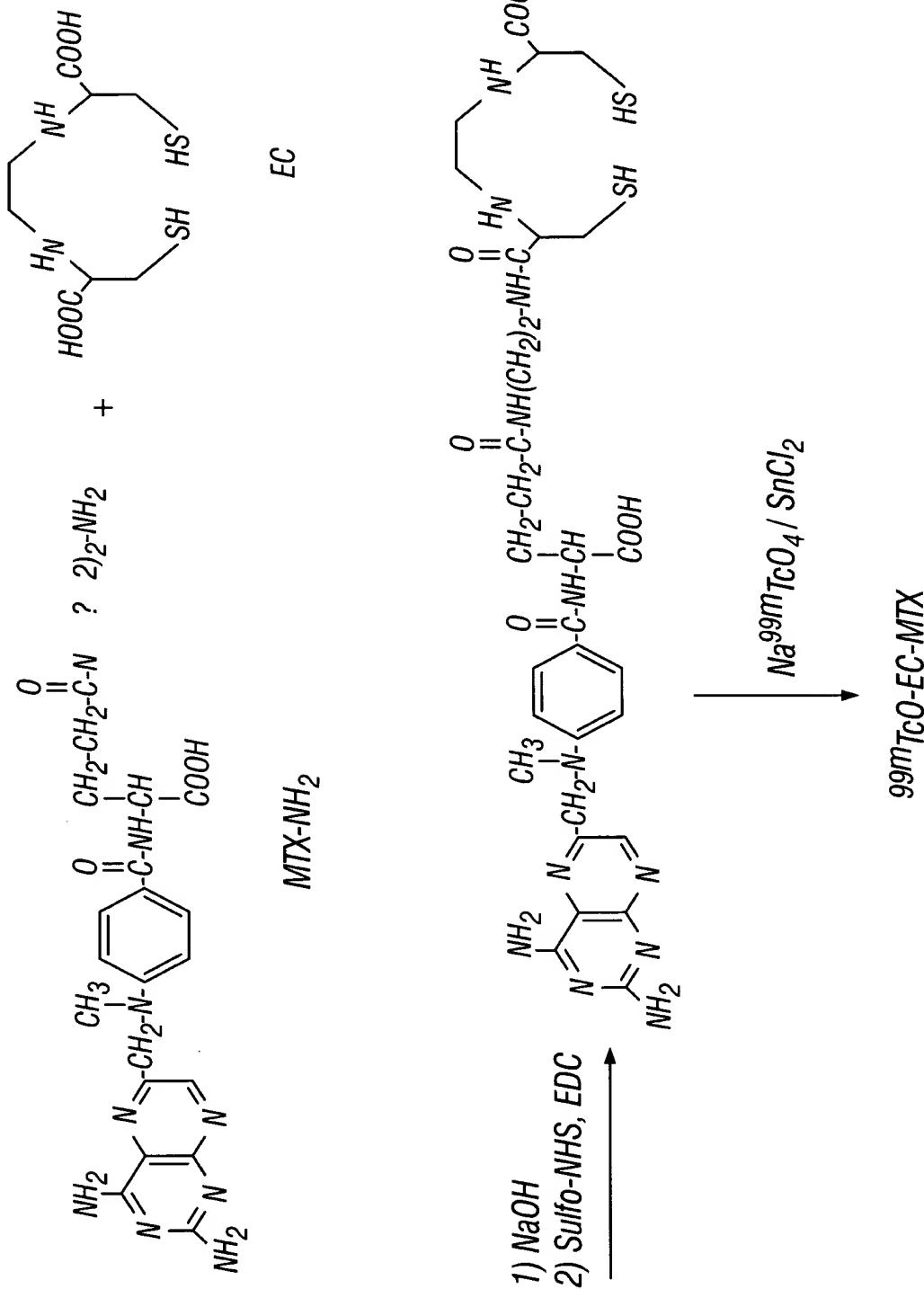


FIG. 2

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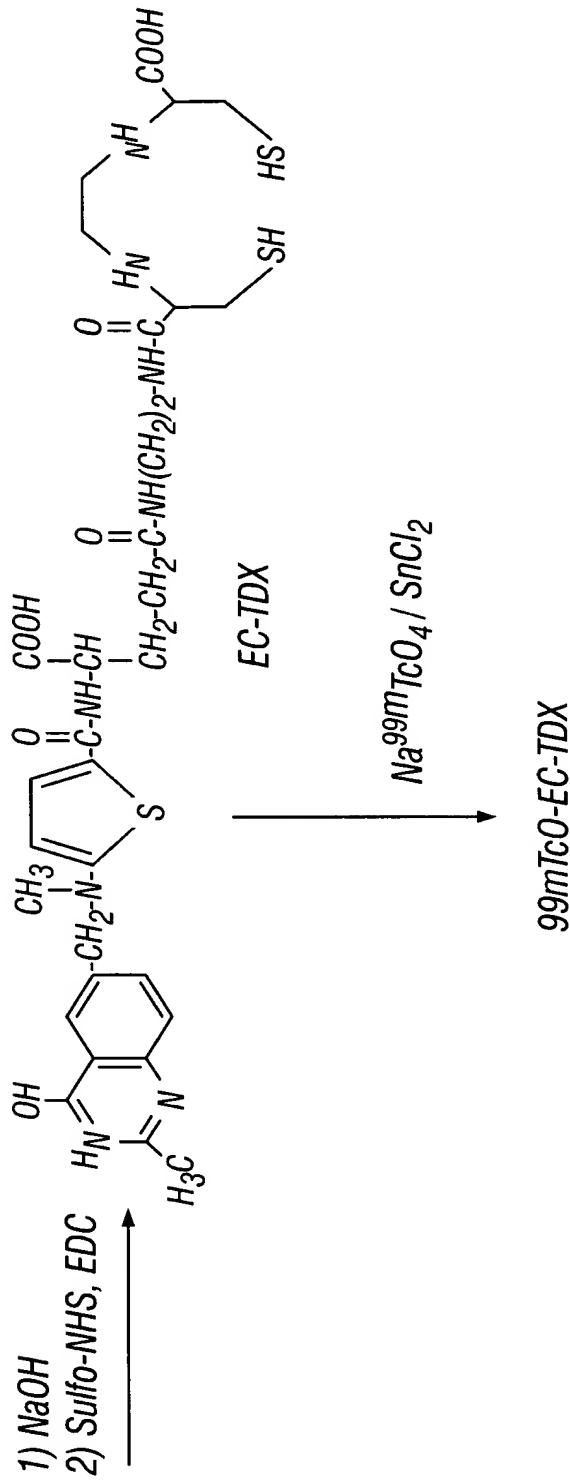
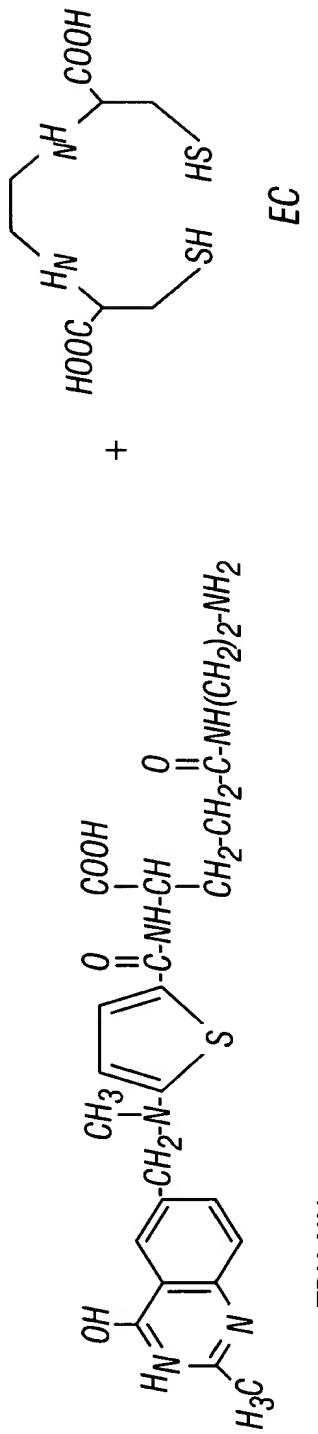


FIG. 3

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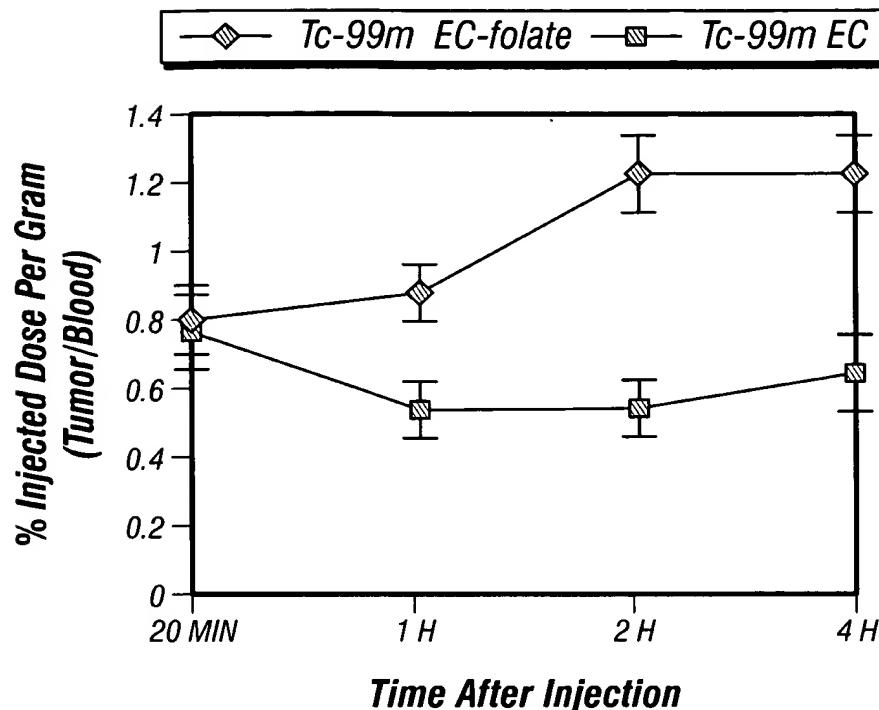


FIG. 4

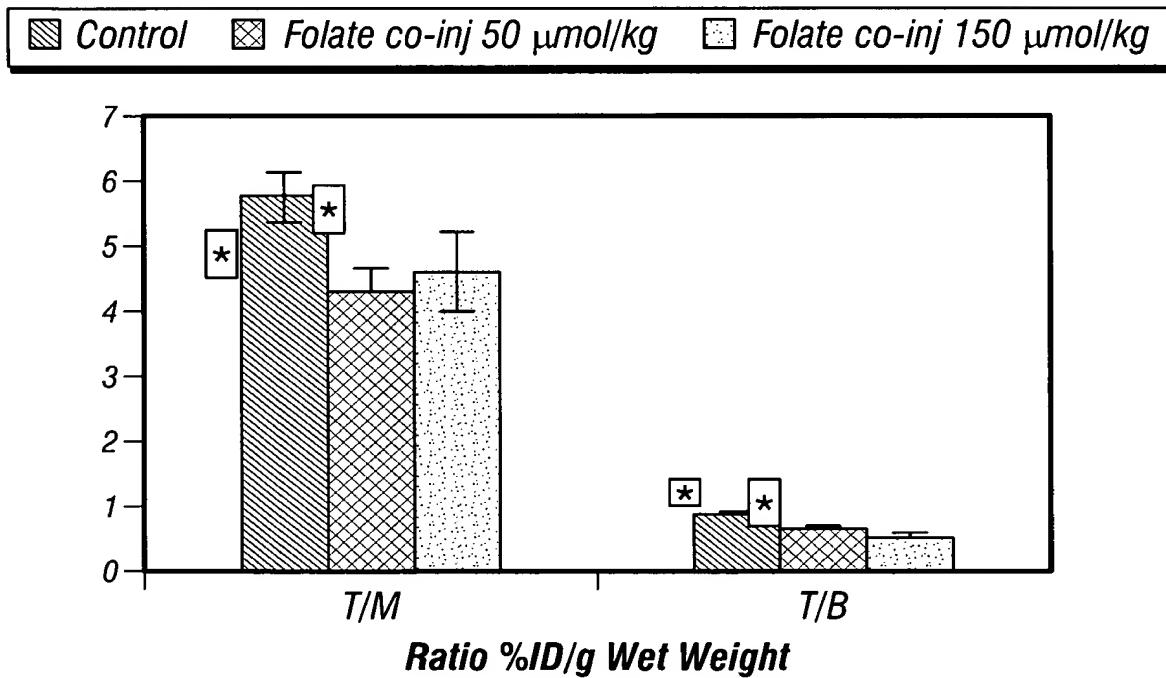


FIG. 5

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Tc-99m EC-folate Tc-99m EC

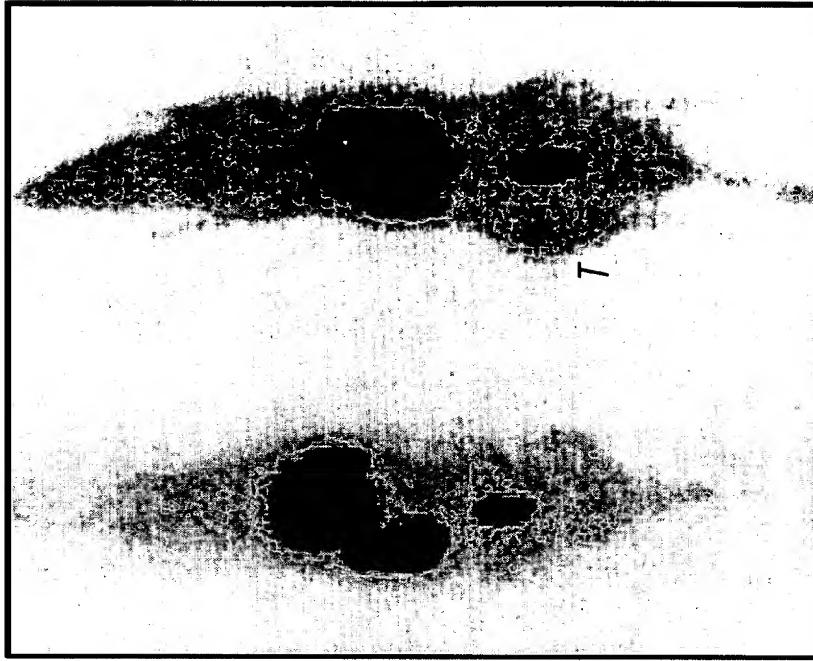
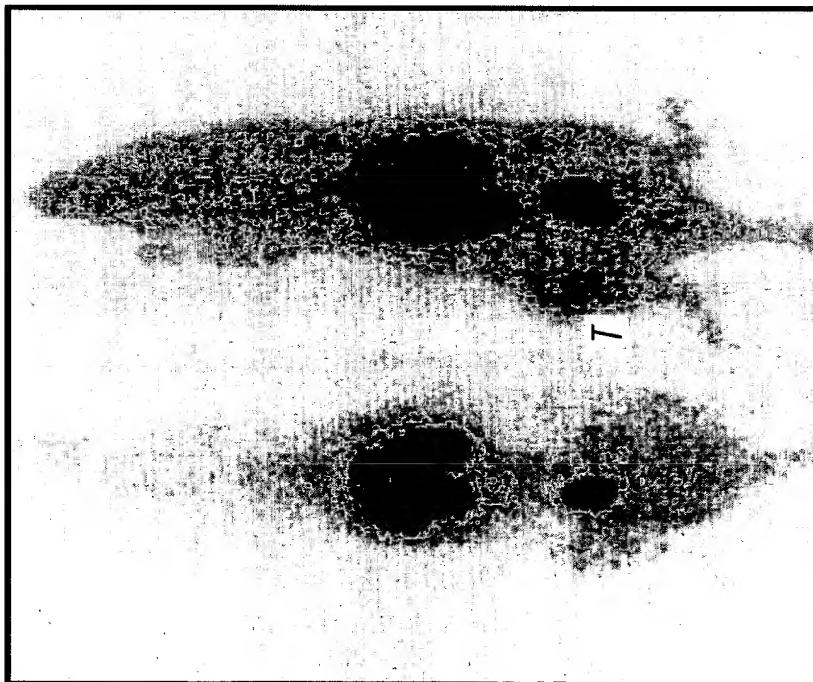


FIG. 6A
FIG. 6B



Inventor: David J. Yang et al.

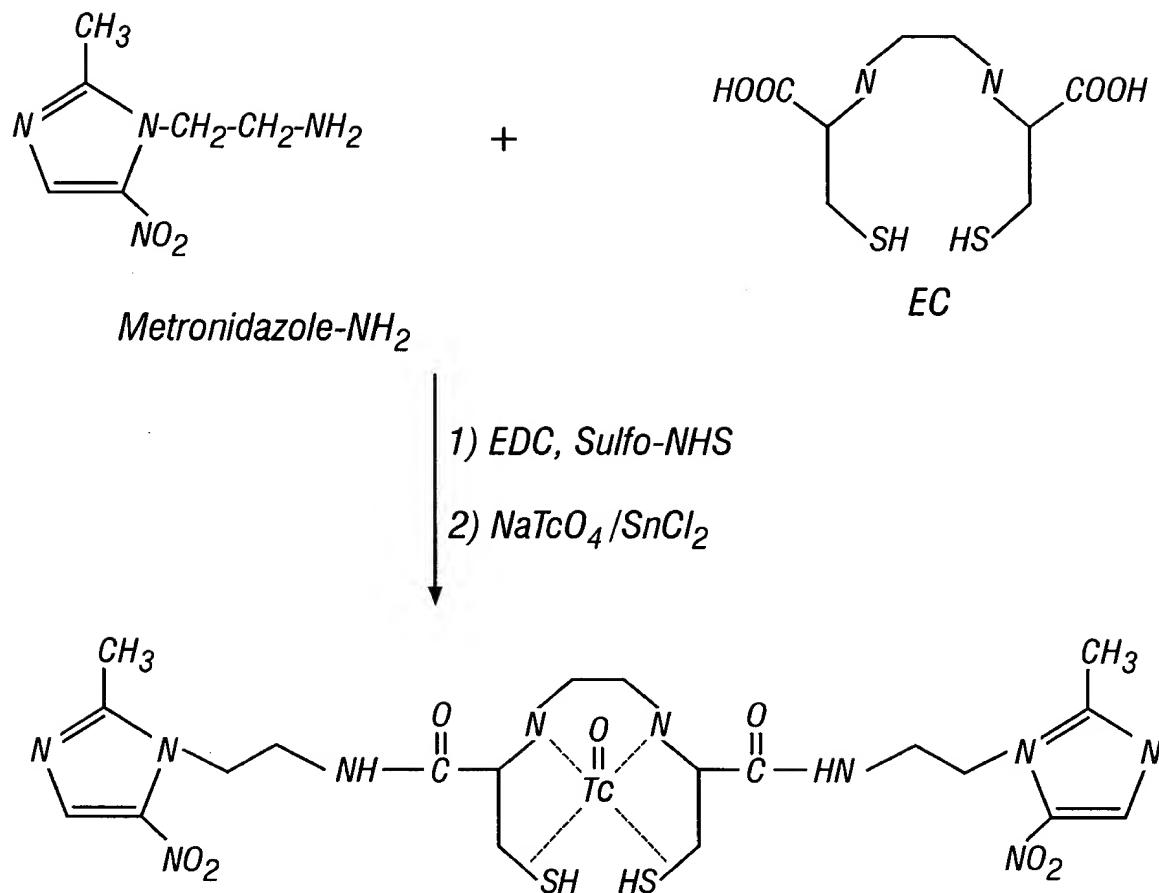
Serial No. 09/599,152

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

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**FIG. 7**

Inventor: David J. Yang et al.

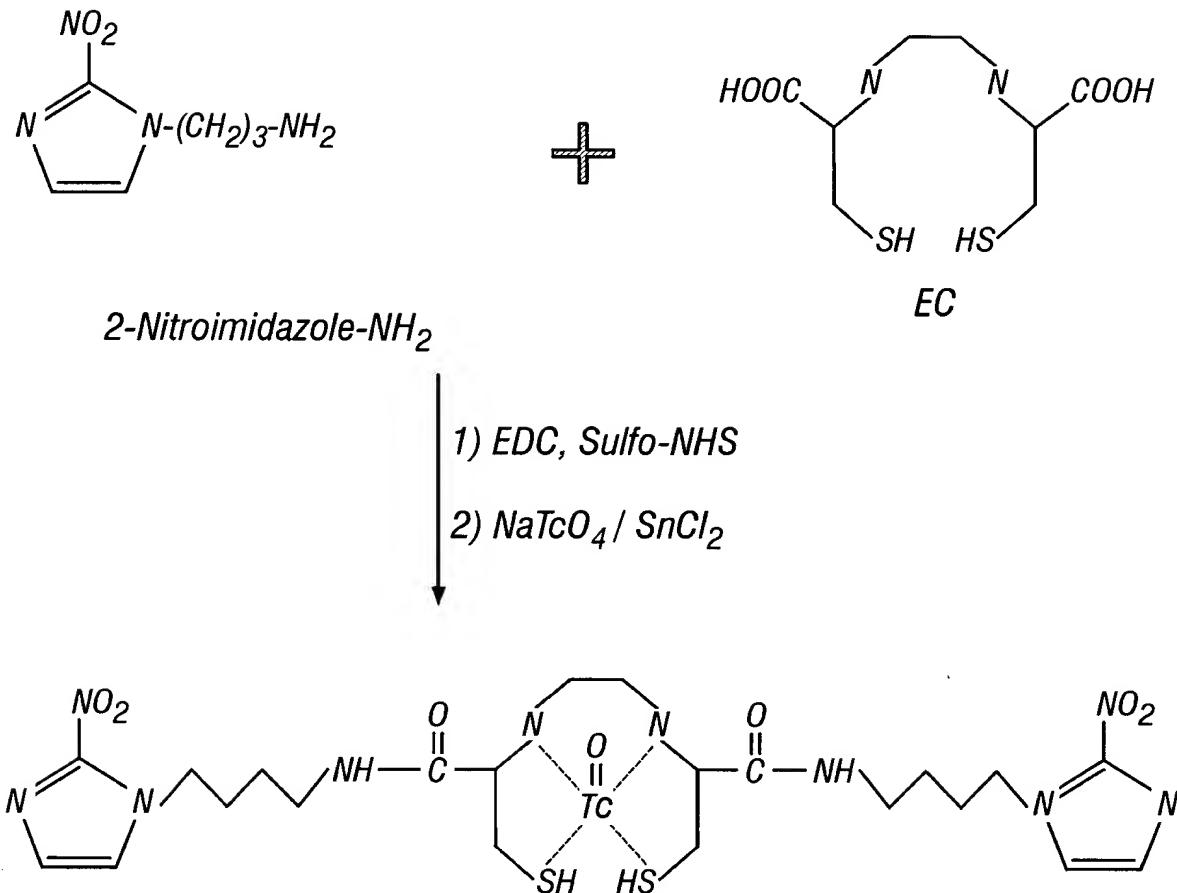
Serial No. 09/599,152

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

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**FIG. 8A**

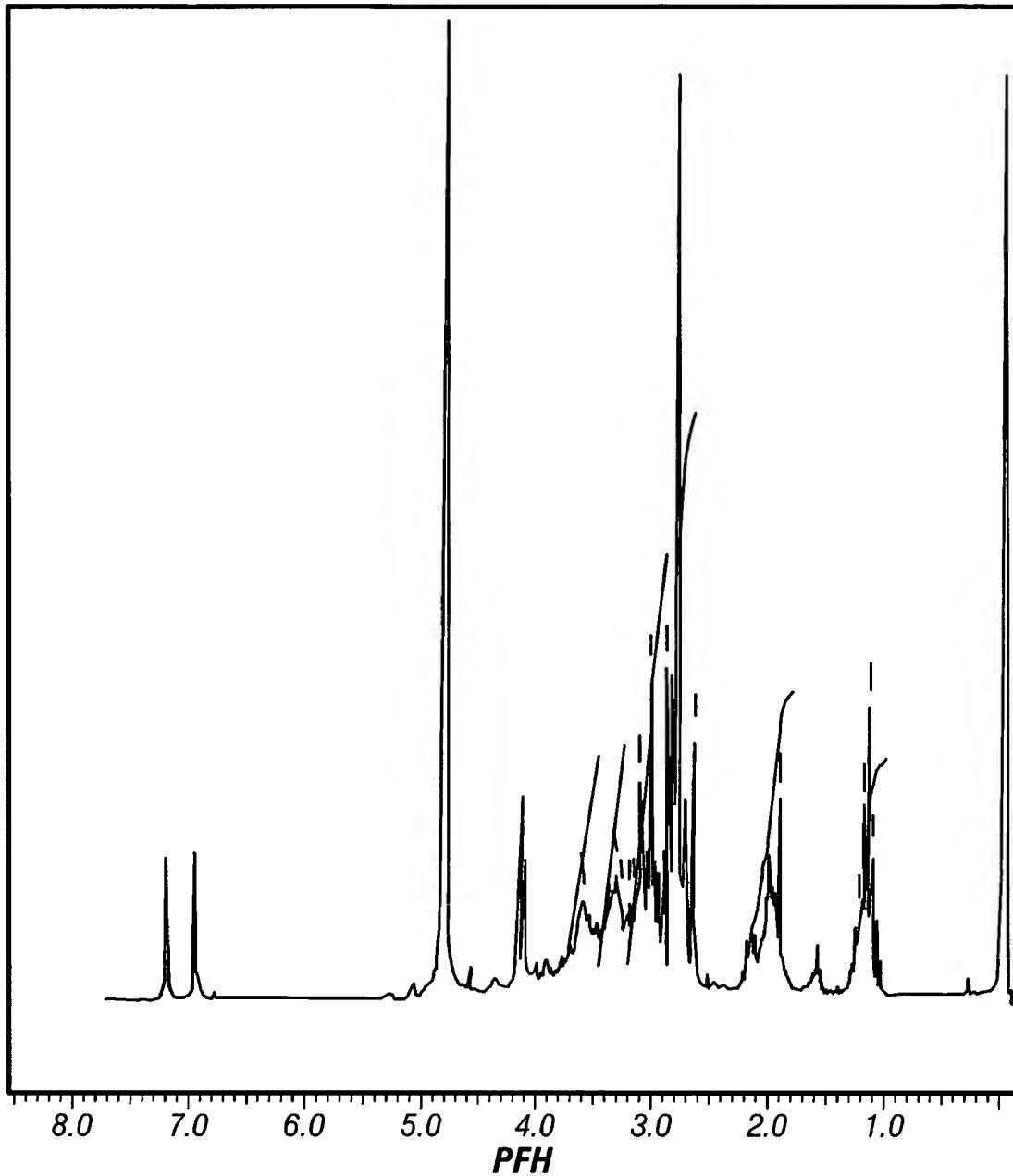
Inventor: David J. Yang et al.

Serial No. 09/599,152

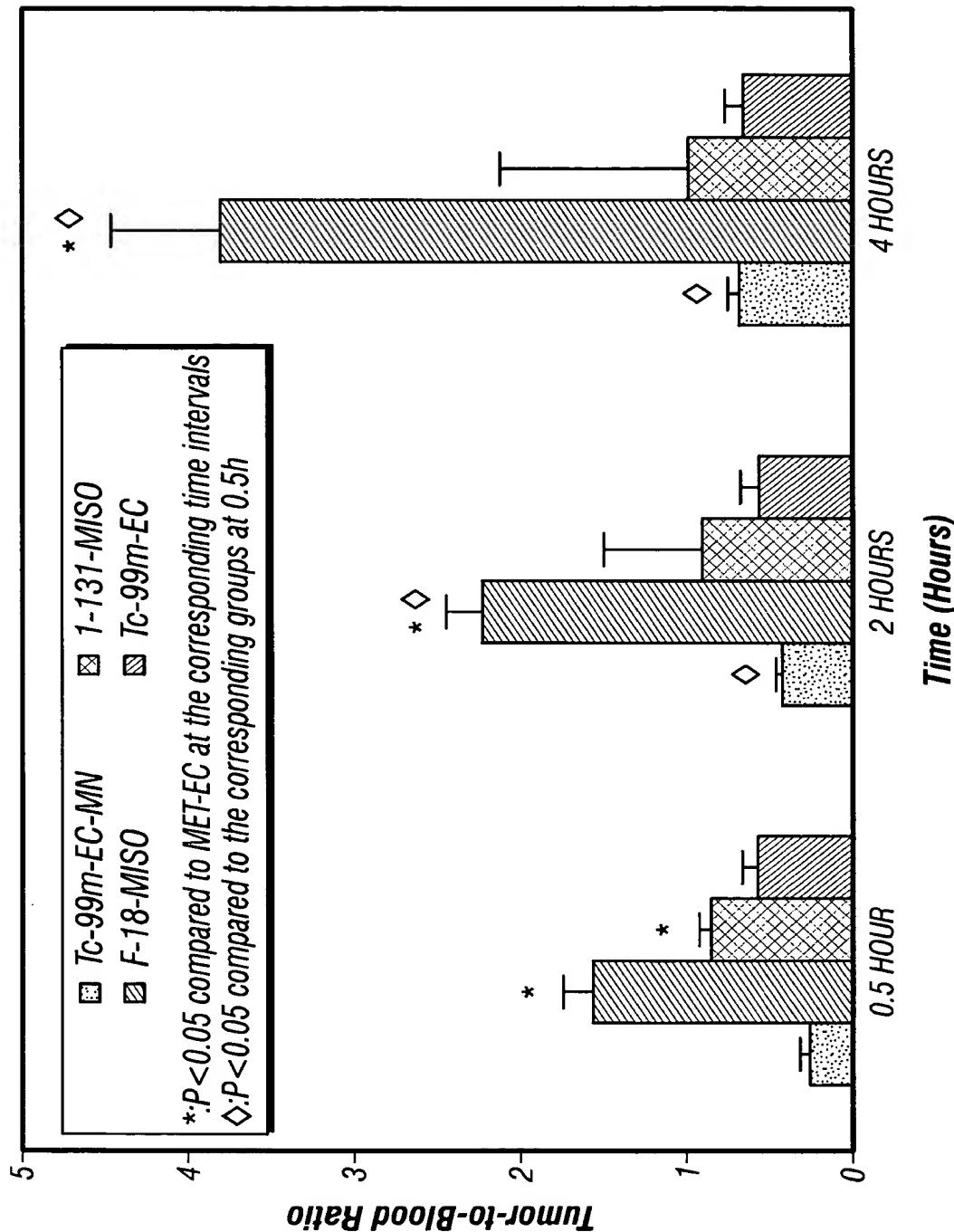
Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

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8/89**FIG. 8B**

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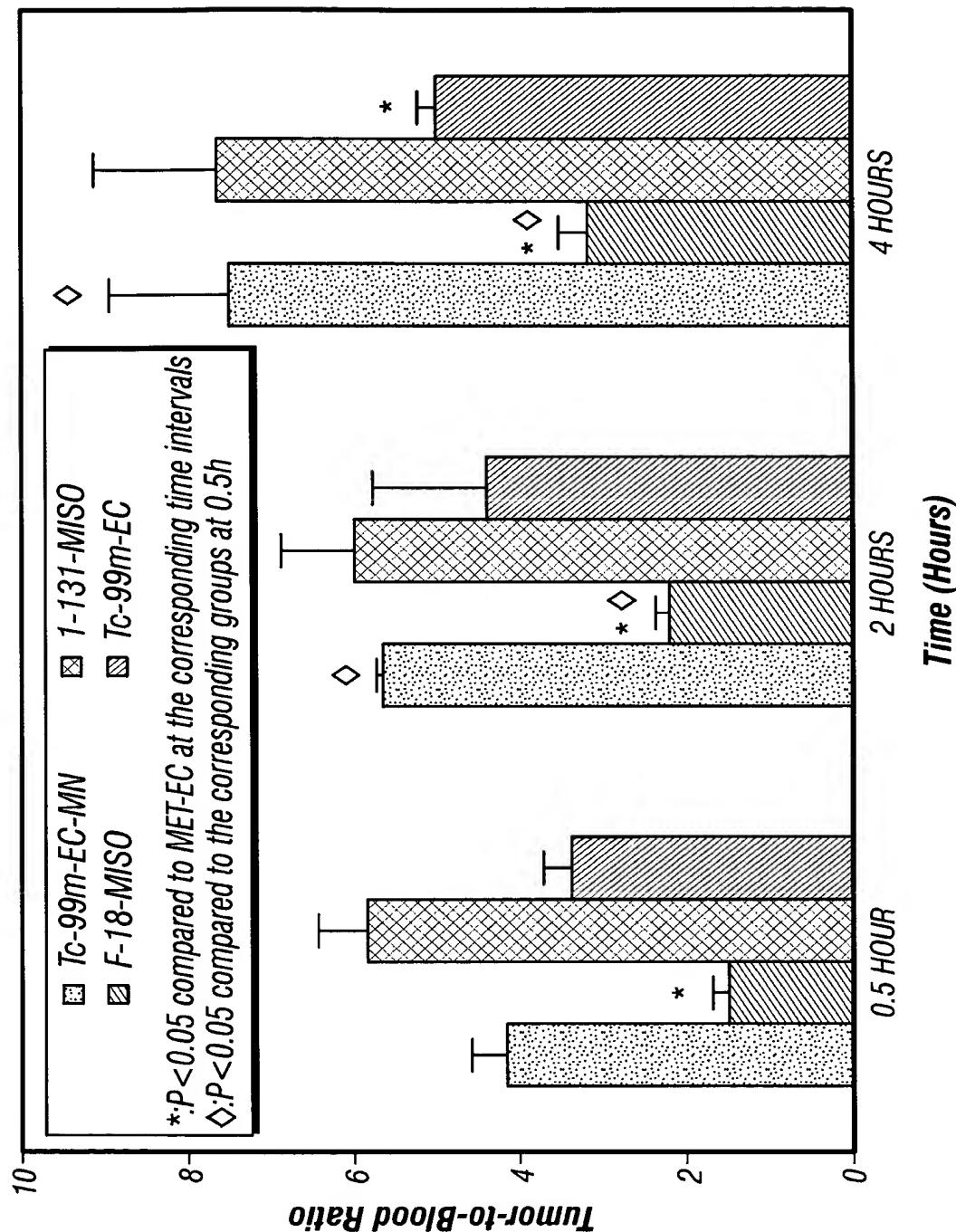


FIG. 10

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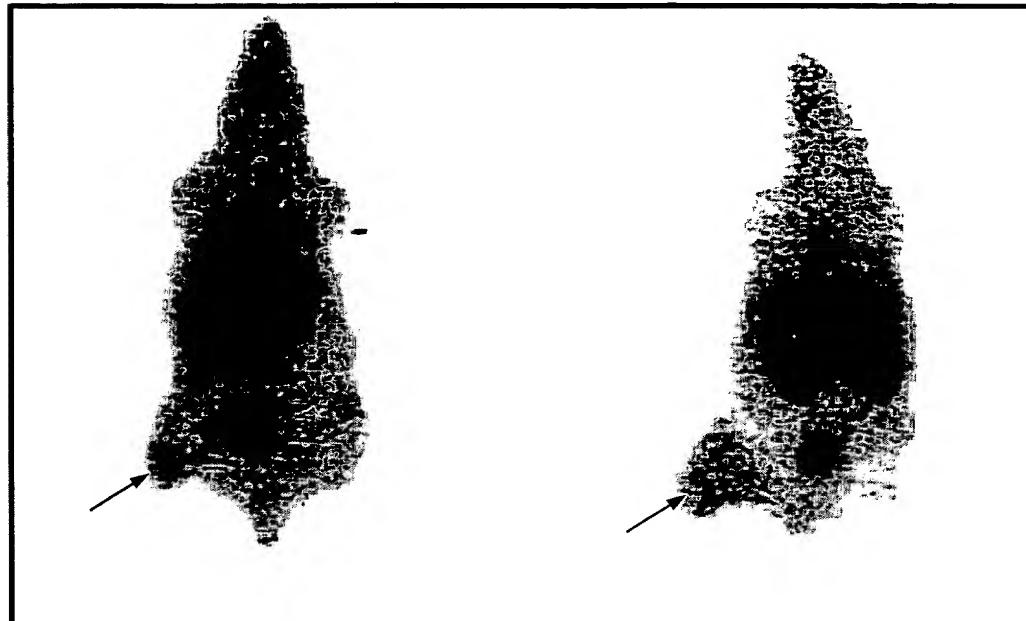


FIG. 11A

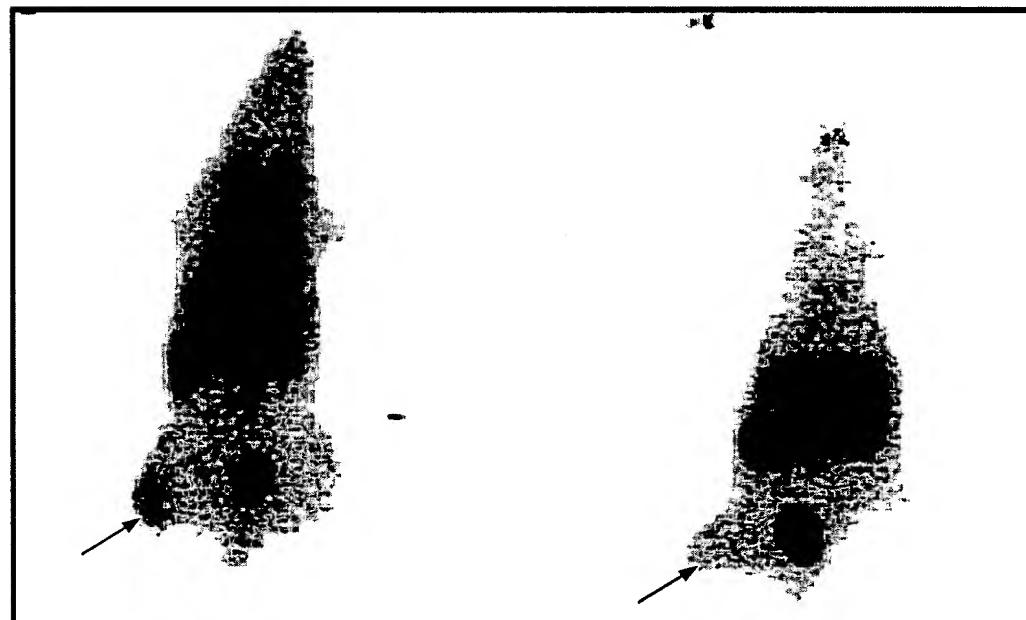


FIG. 11B

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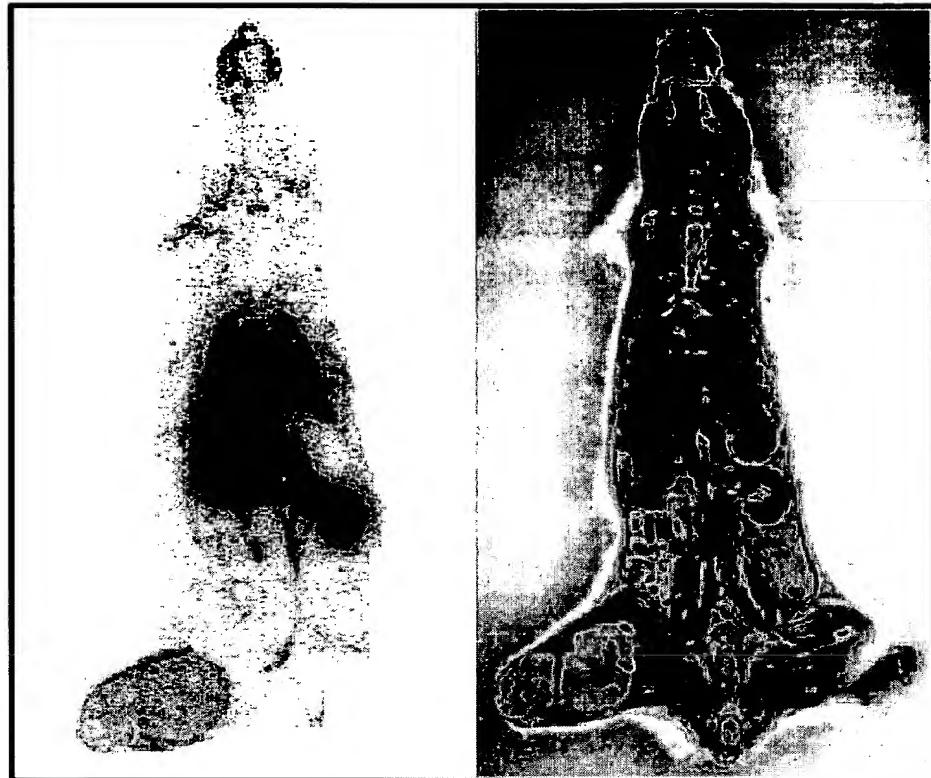


FIG. 12

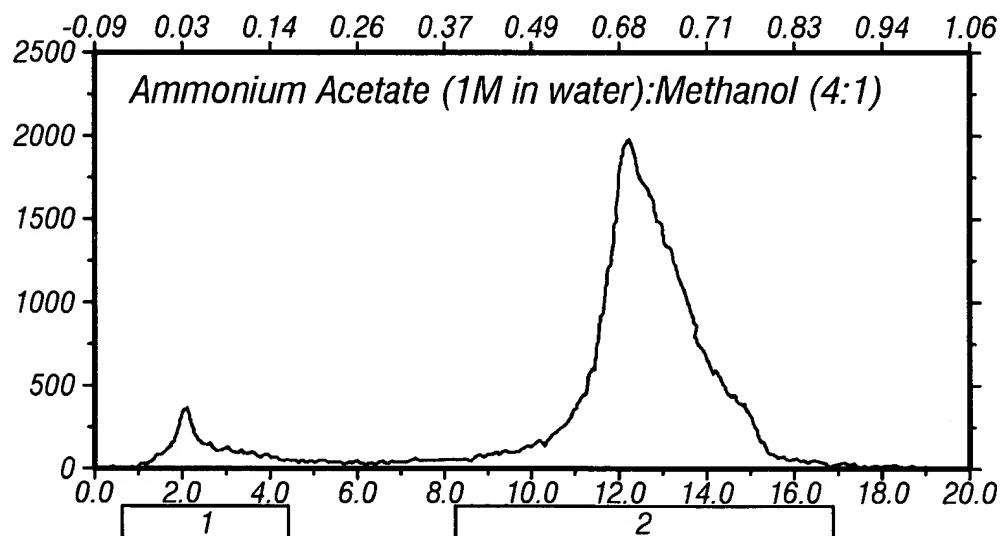


FIG. 13

Inventor: David J. Yang et al.

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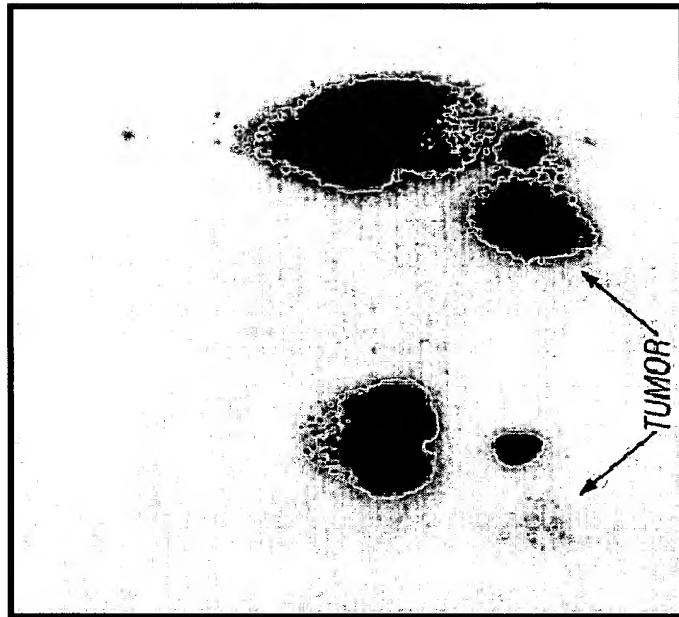
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99m Tc-EC-NIM

99m Tc-EC

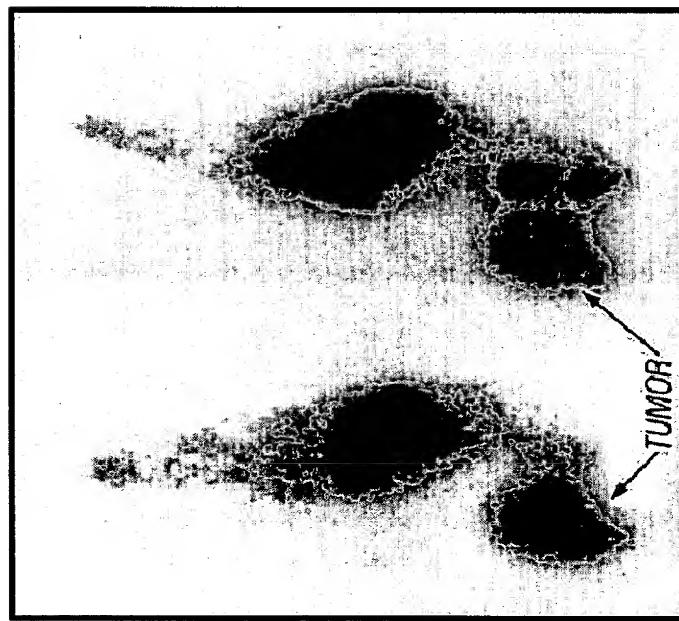
99m Tc-EC-NIM

99m Tc-EC



4 HOUR

FIG. 14A



15 MIN.

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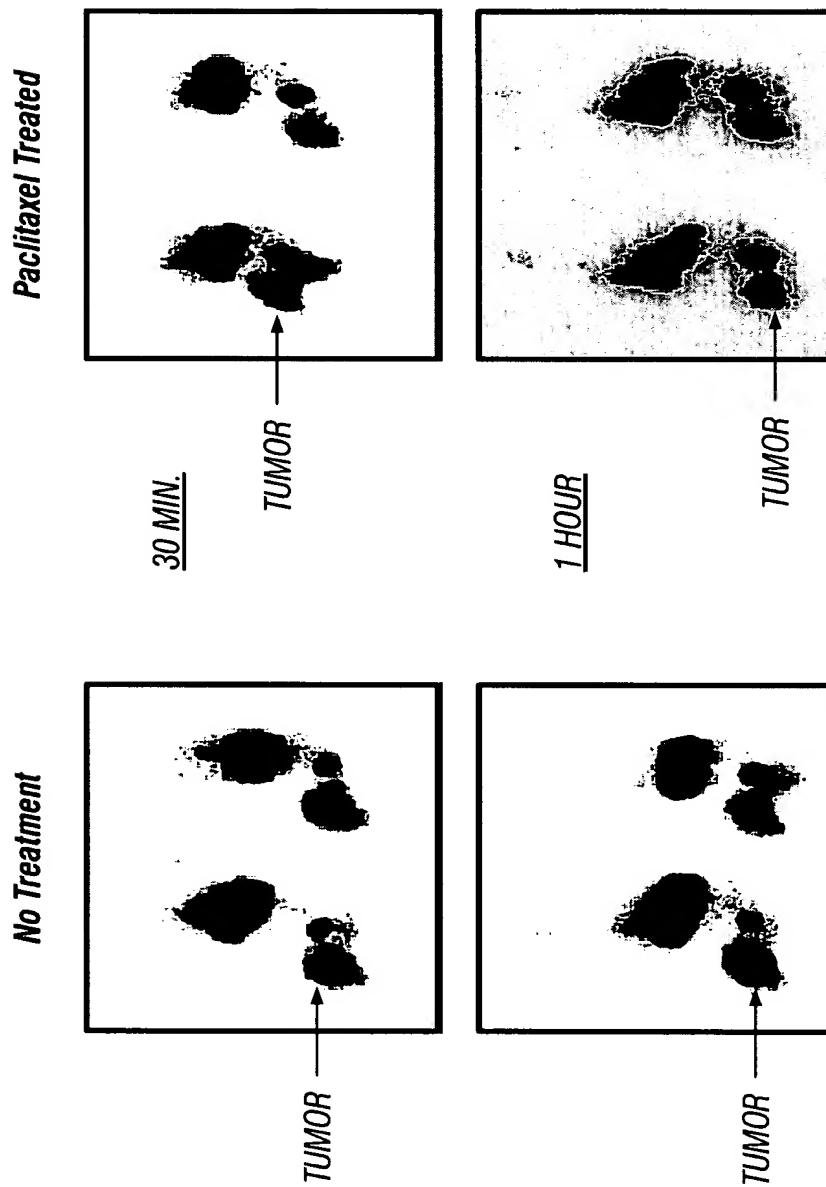


FIG. 14B

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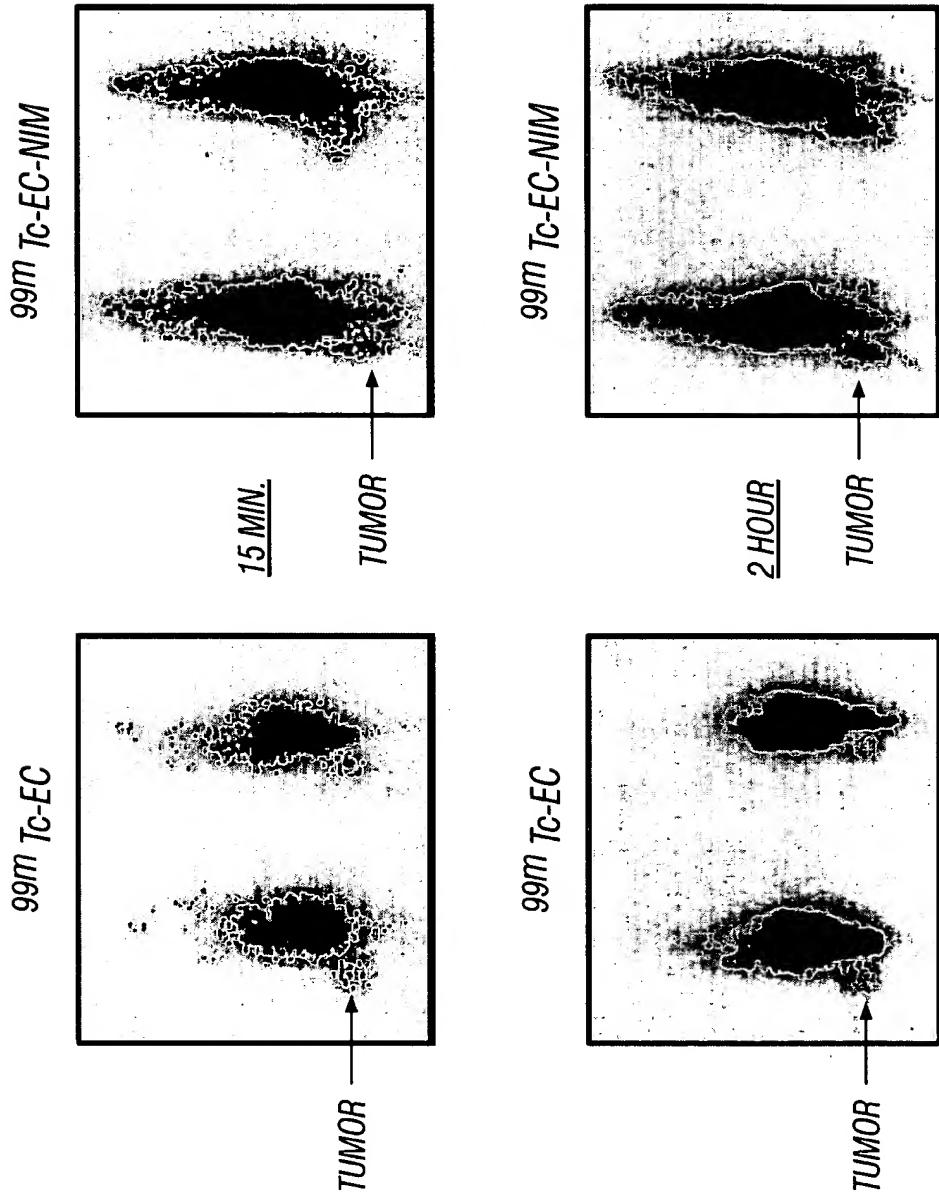


FIG. 15A

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**99m Tc-EC-Nitroimidazole (NIM)
(100 μ Ci/mouse, iv.)**

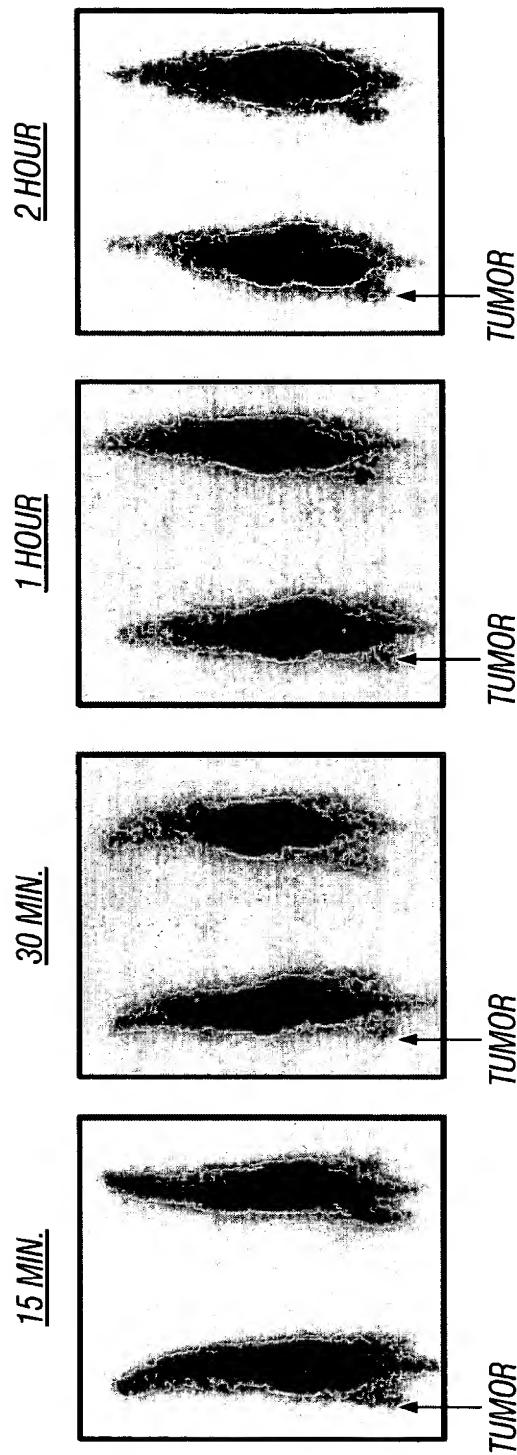


FIG. 15B

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99m Tc-EC-Nitroimidazole (NIM)

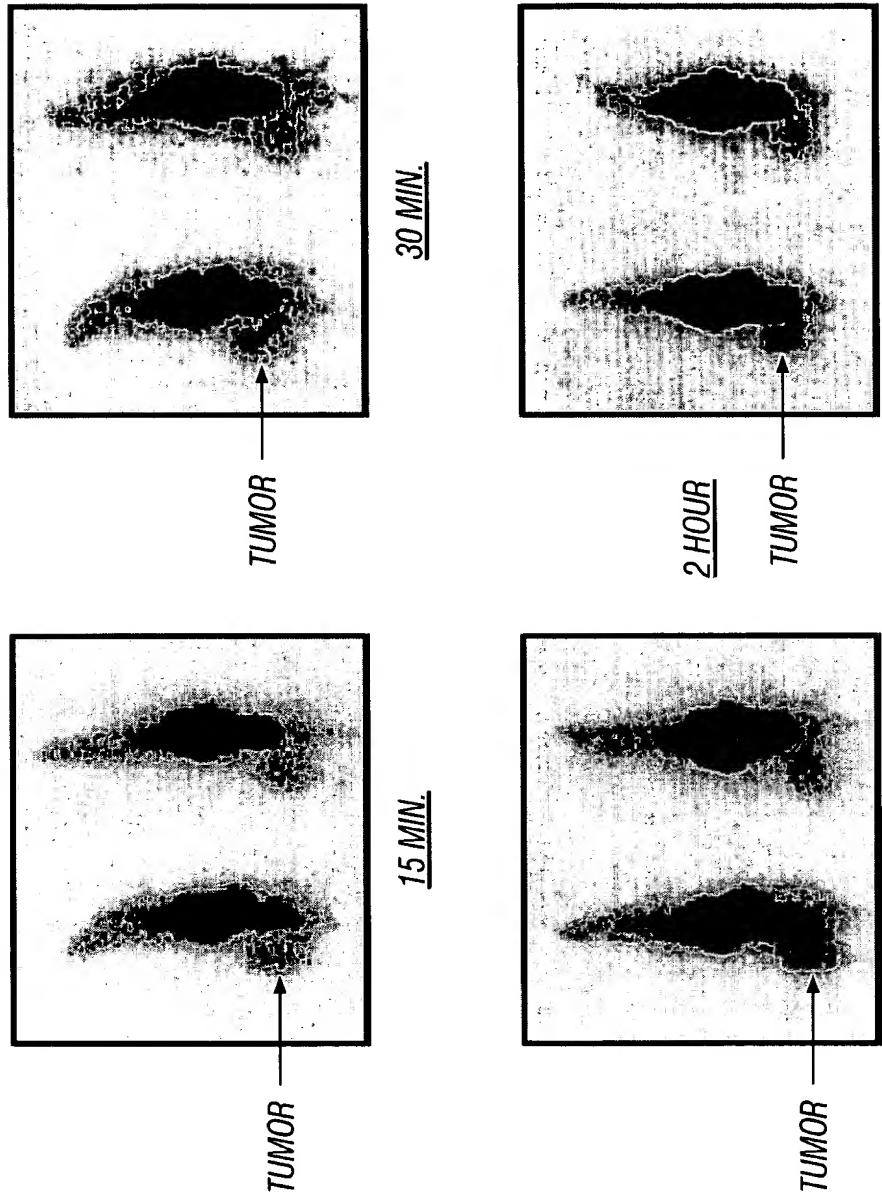


FIG. 15C

Inventor: David J. Yang et al.

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99m TC-EC-Nitroimidazole (NIM)
(100 μ Ci/mouse, iv.)

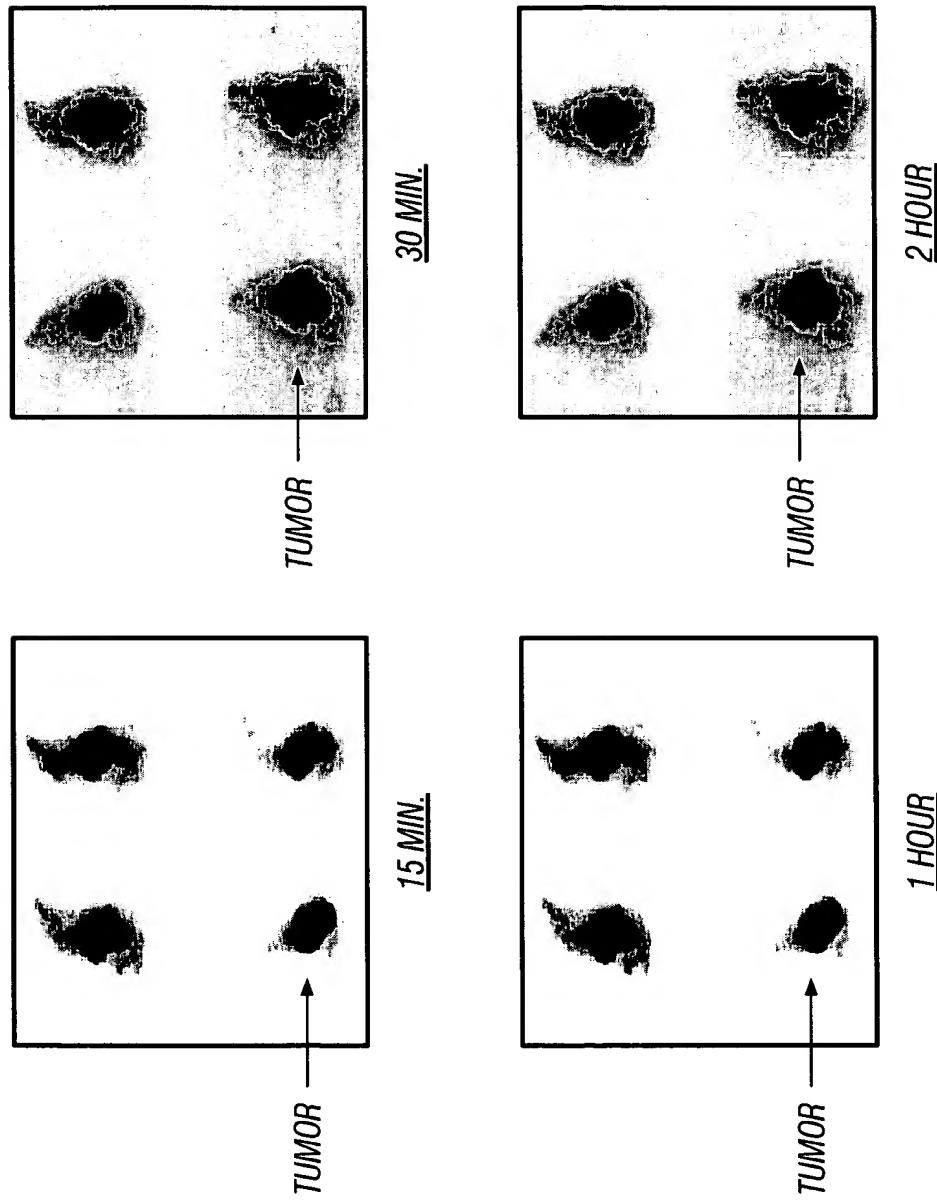


FIG. 15D

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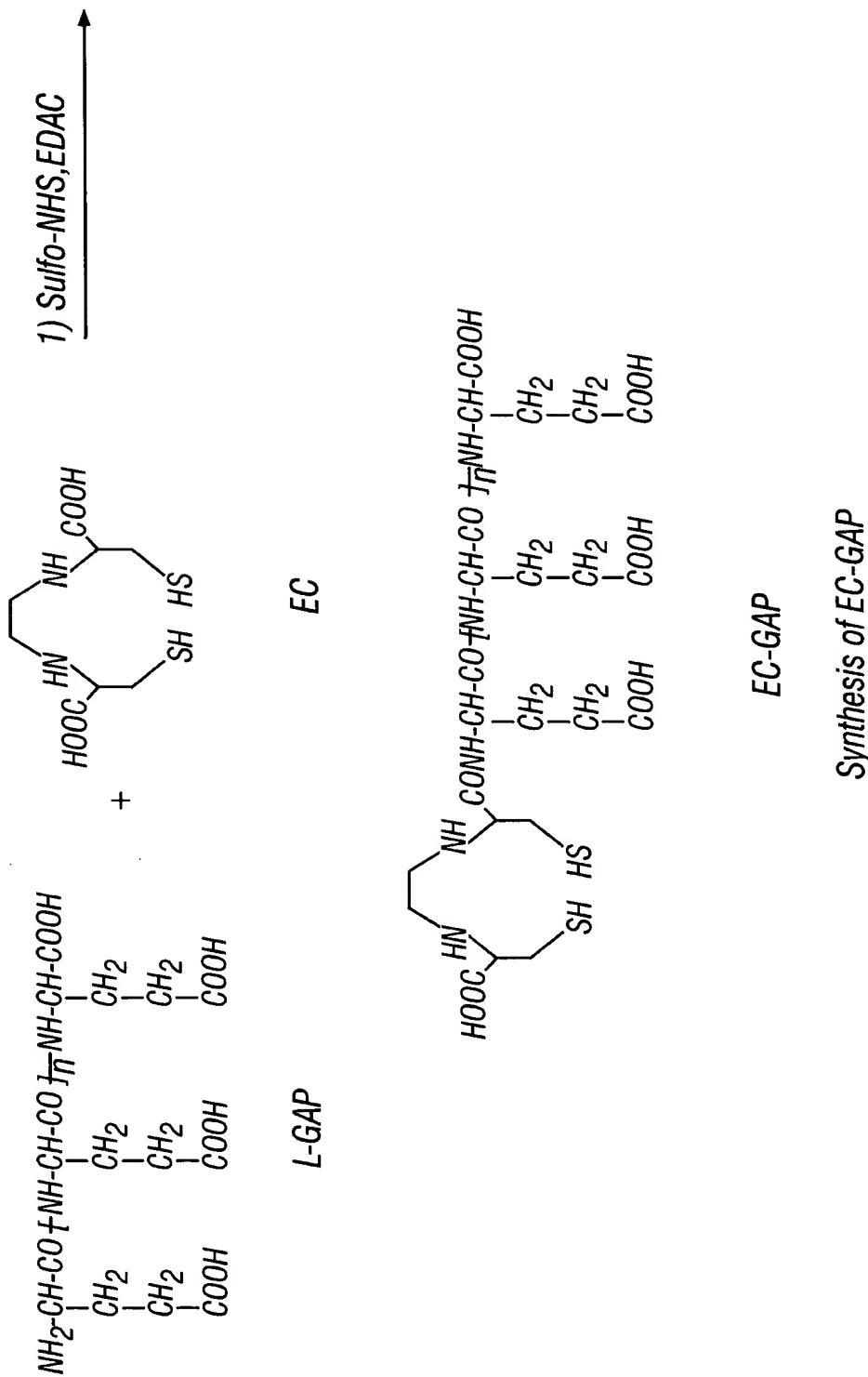
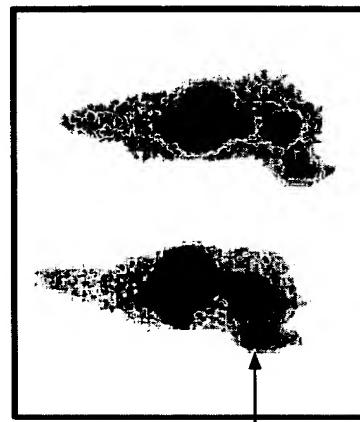


FIG. 16

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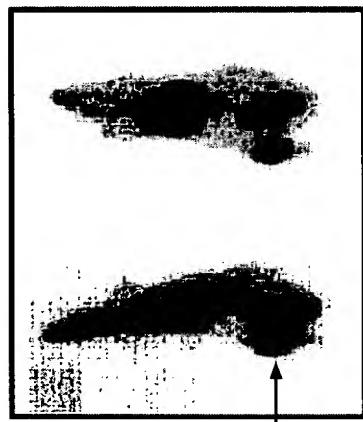


30 MIN.



2 HOUR

FIG. 17

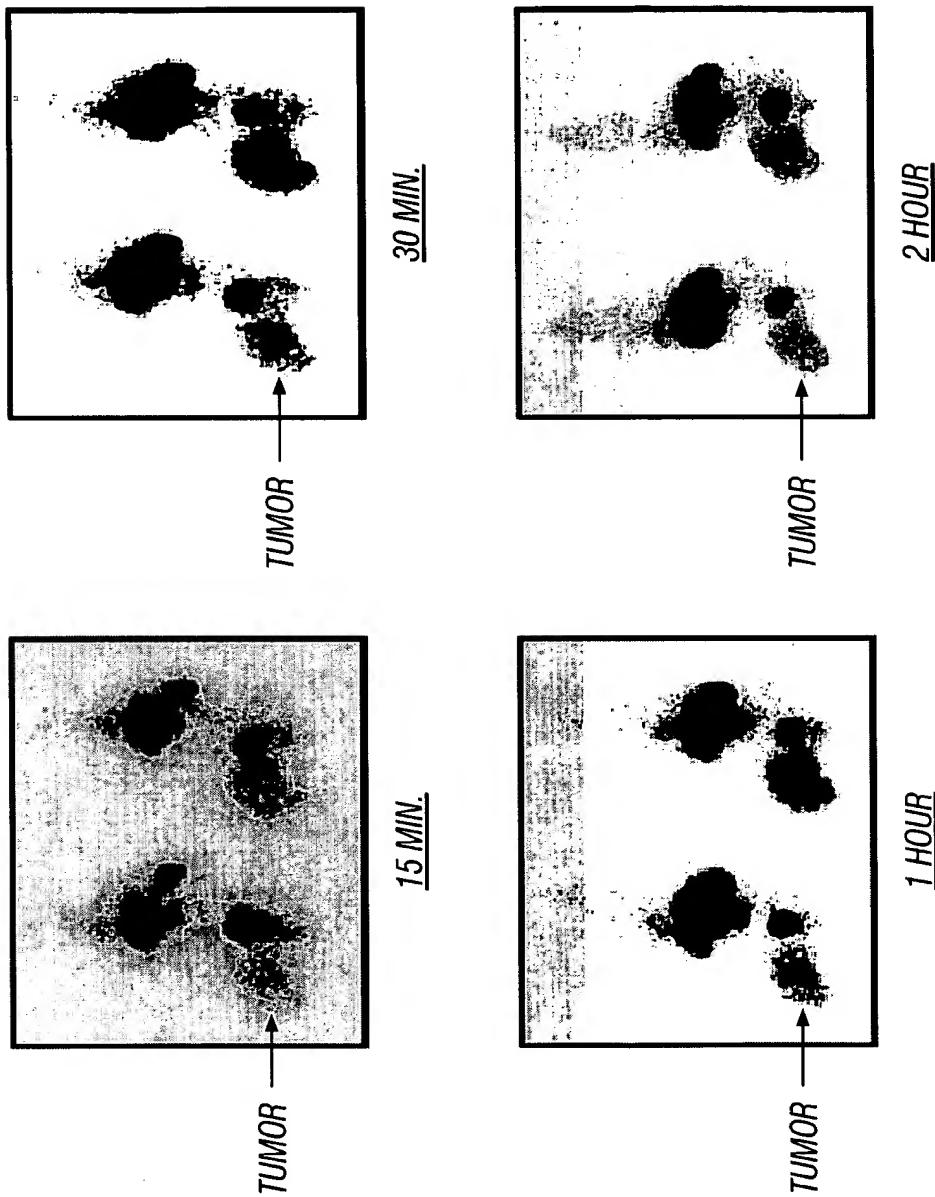


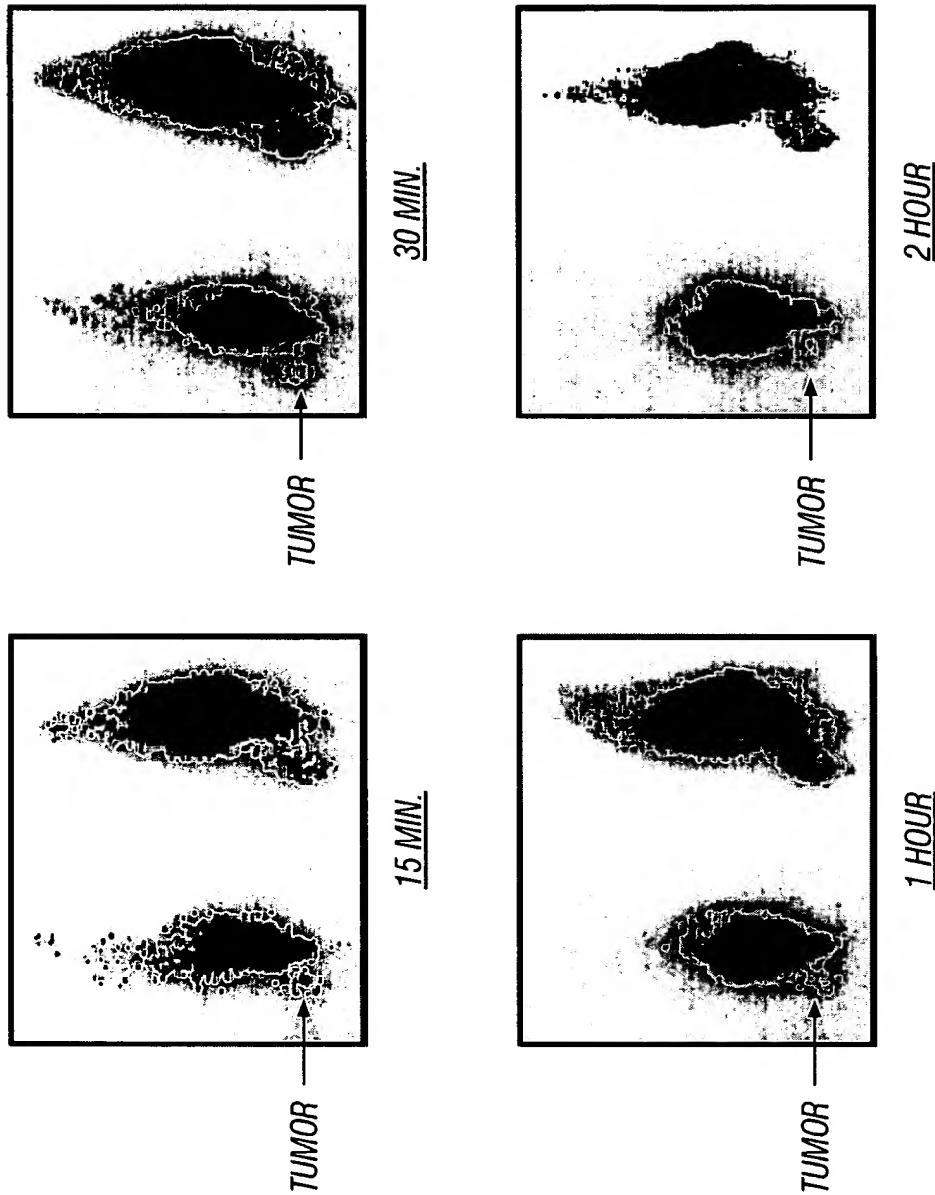
15 MIN.



1 HOUR

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22/89**FIG. 19A**

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99mTc-EC-Annexin V
(100 μ Ci/mouse, iv.)

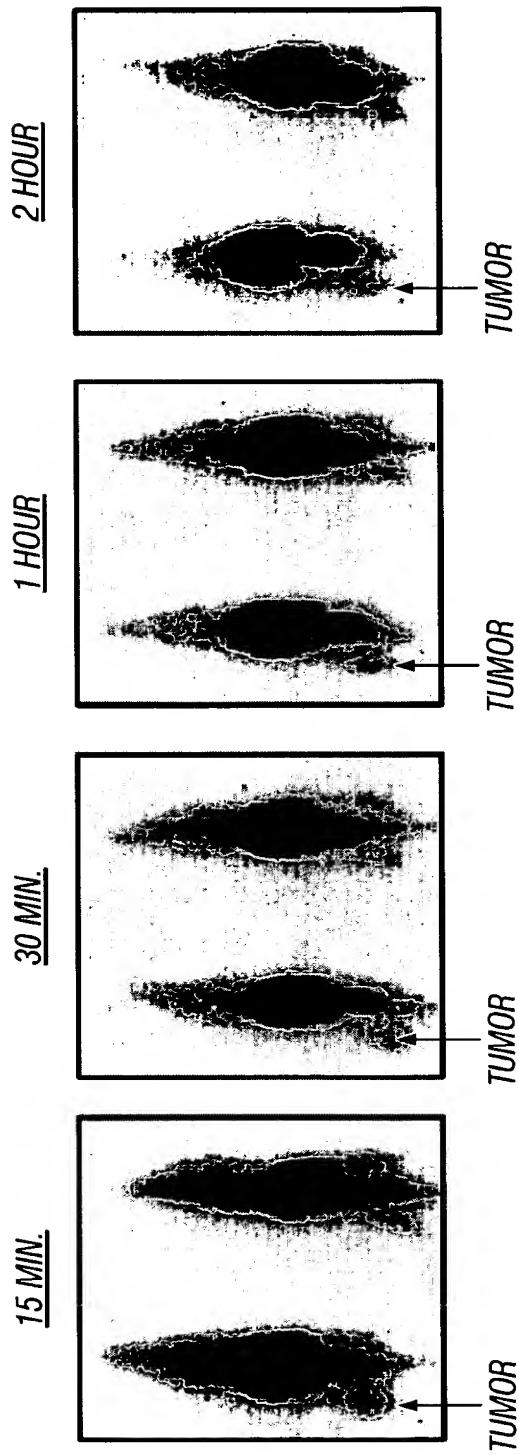


FIG. 19B

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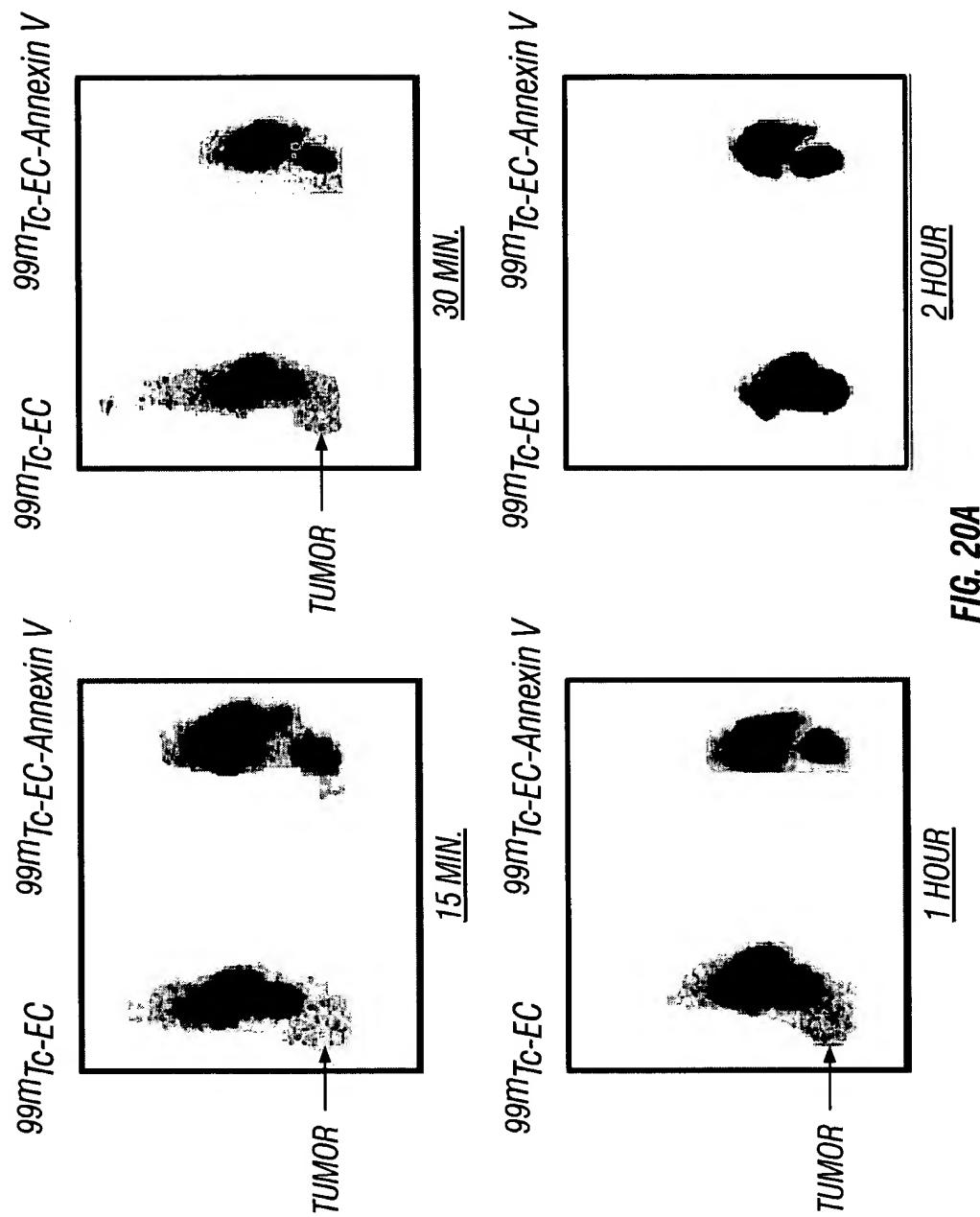


FIG. 20A

Inventor: David J. Yang et al.

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and Methods for Tissue Specific Disease Imaging

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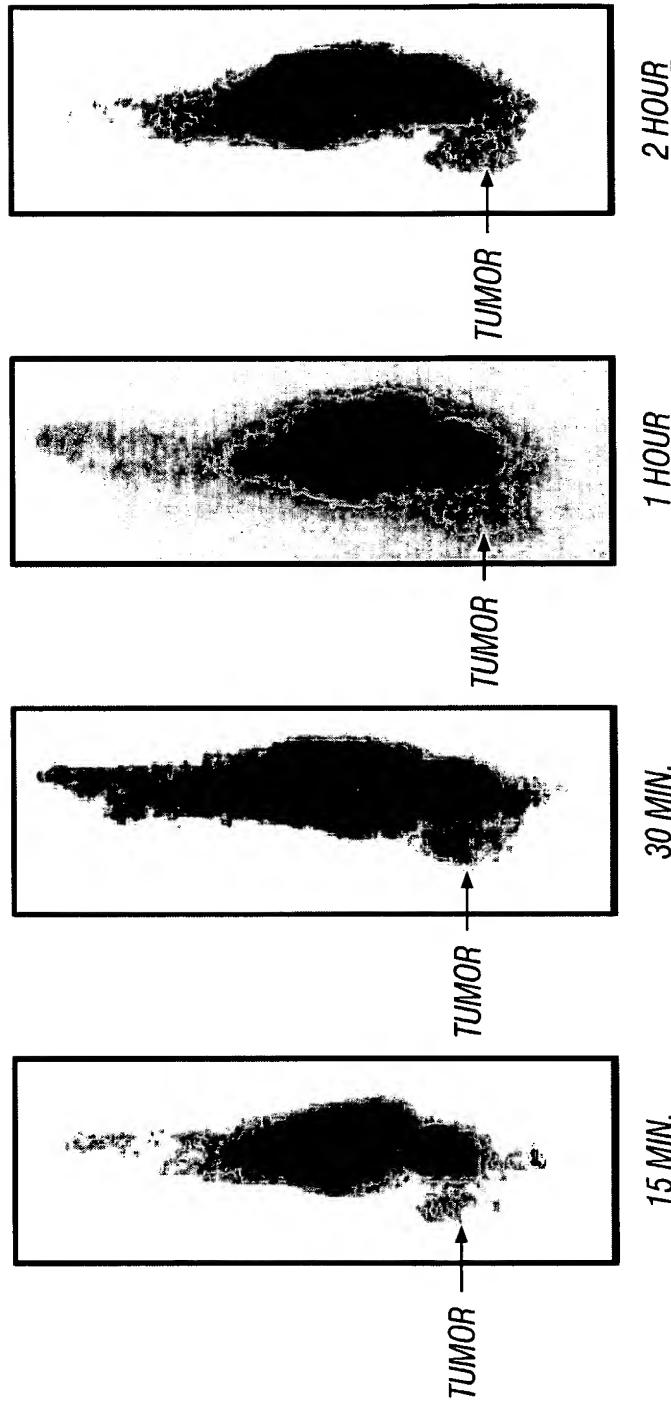


FIG. 20B

Inventor: David J. Yang et al.

Serial No. 09/599,152

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and Methods for Tissue Specific Disease Imaging

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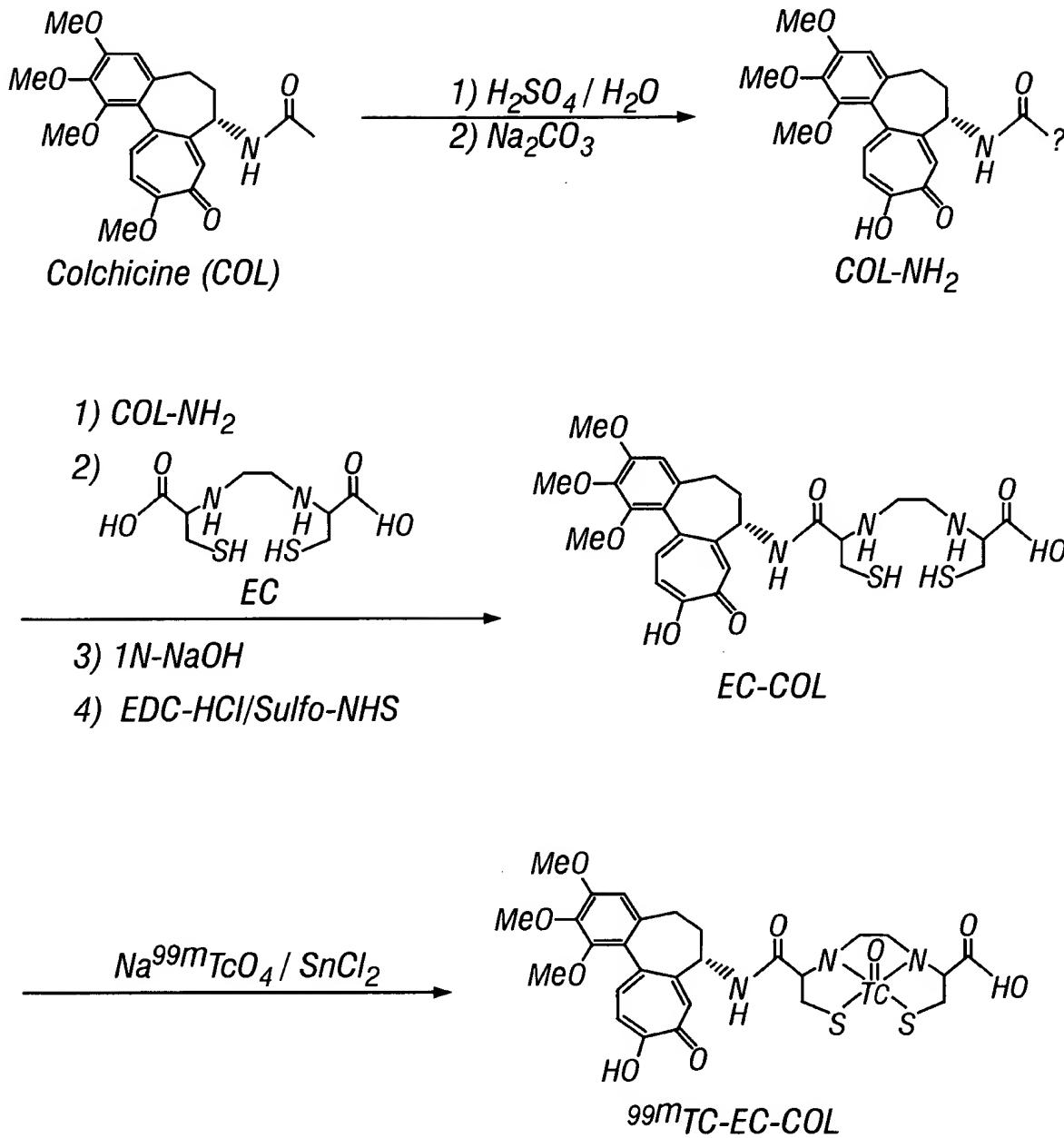


FIG. 21

Inventor: David J. Yang et al.

Serial No. 09/599,152

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and Methods for Tissue Specific Disease Imaging

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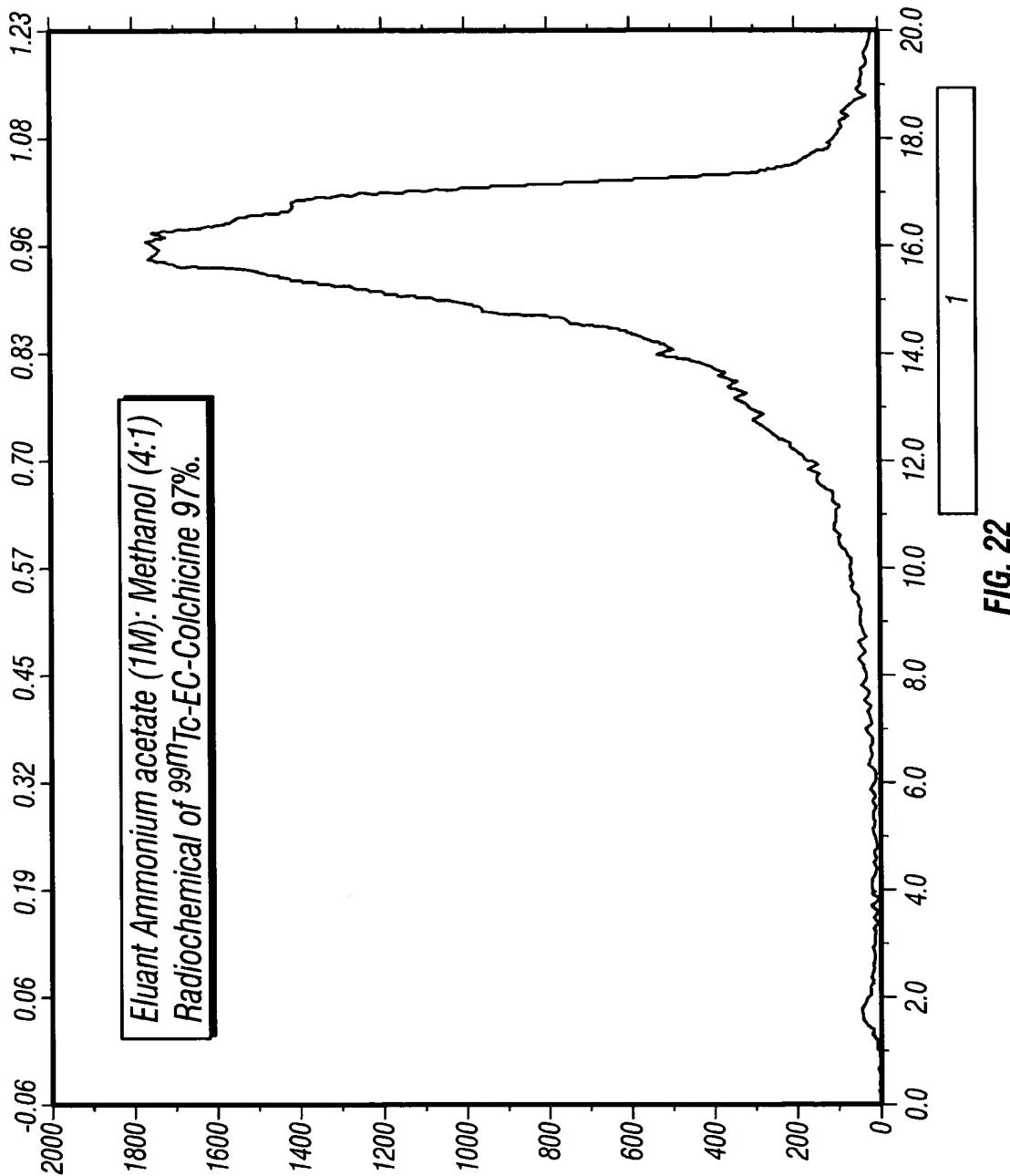


FIG. 22

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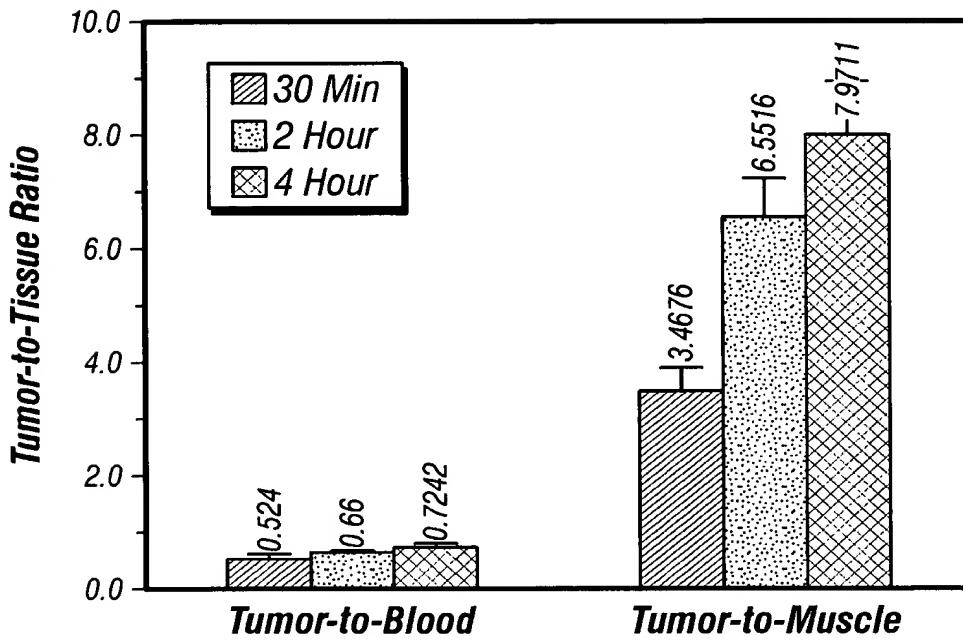


FIG. 23

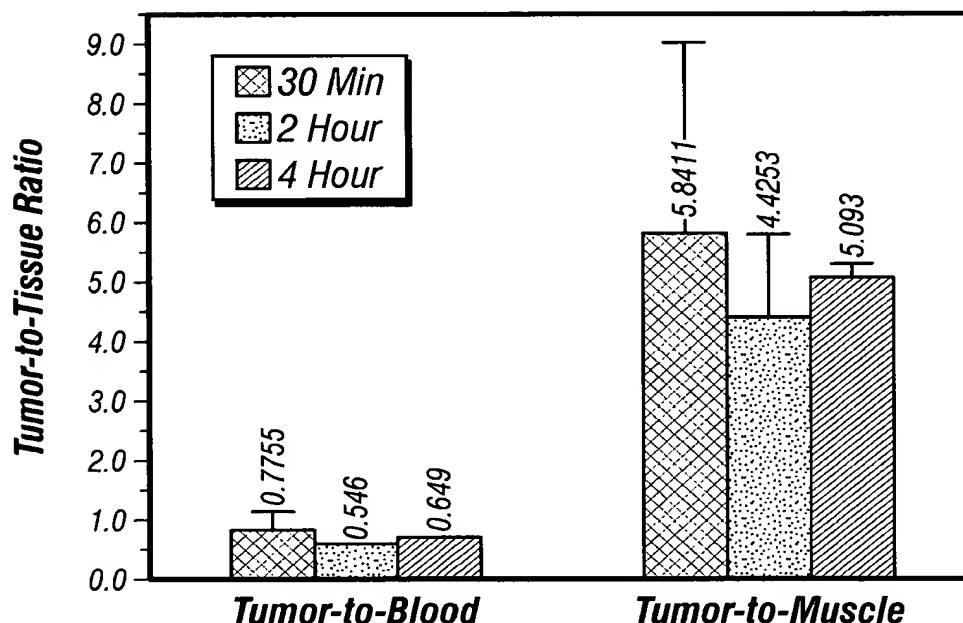


FIG. 24

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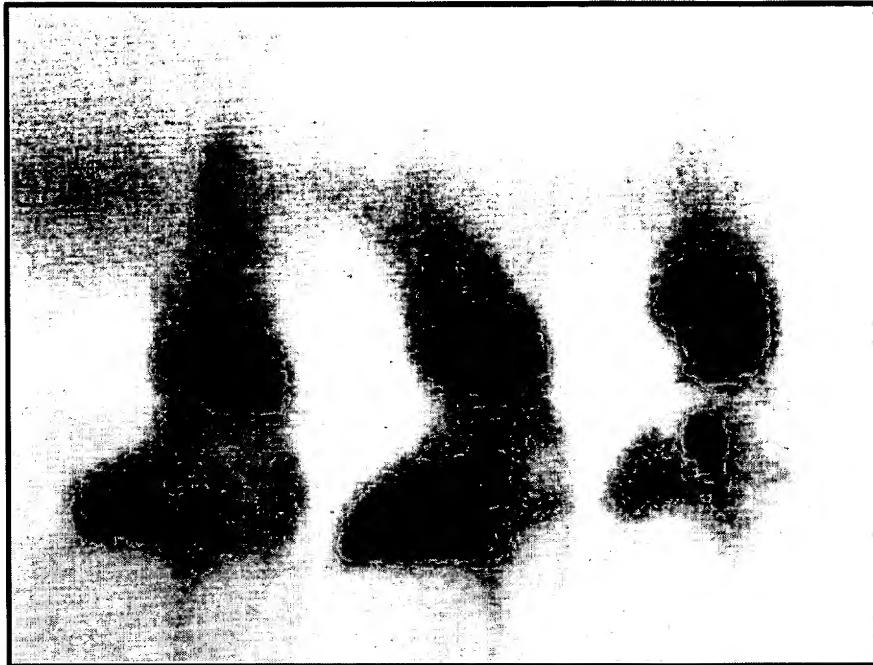


FIG. 25

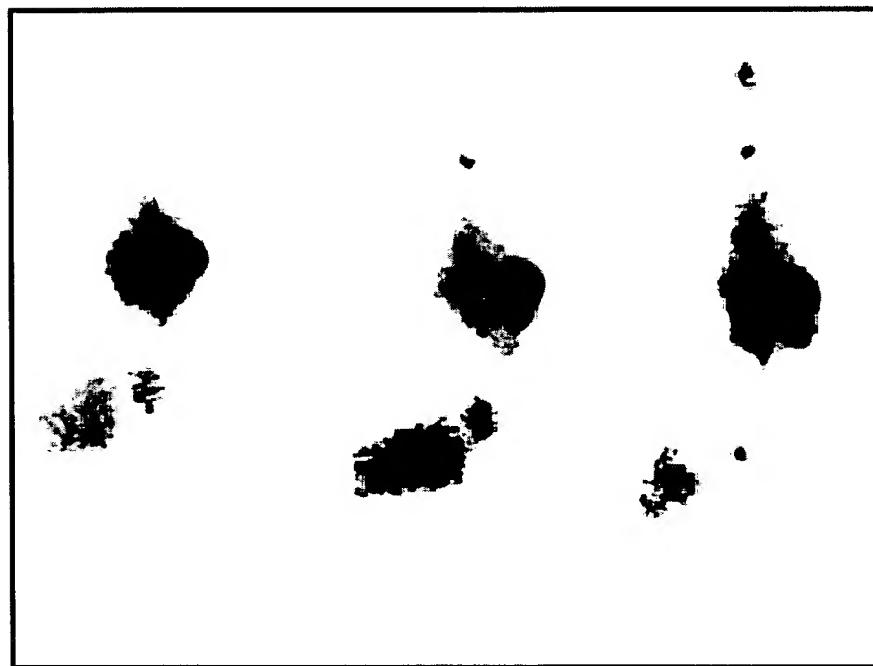


FIG. 26

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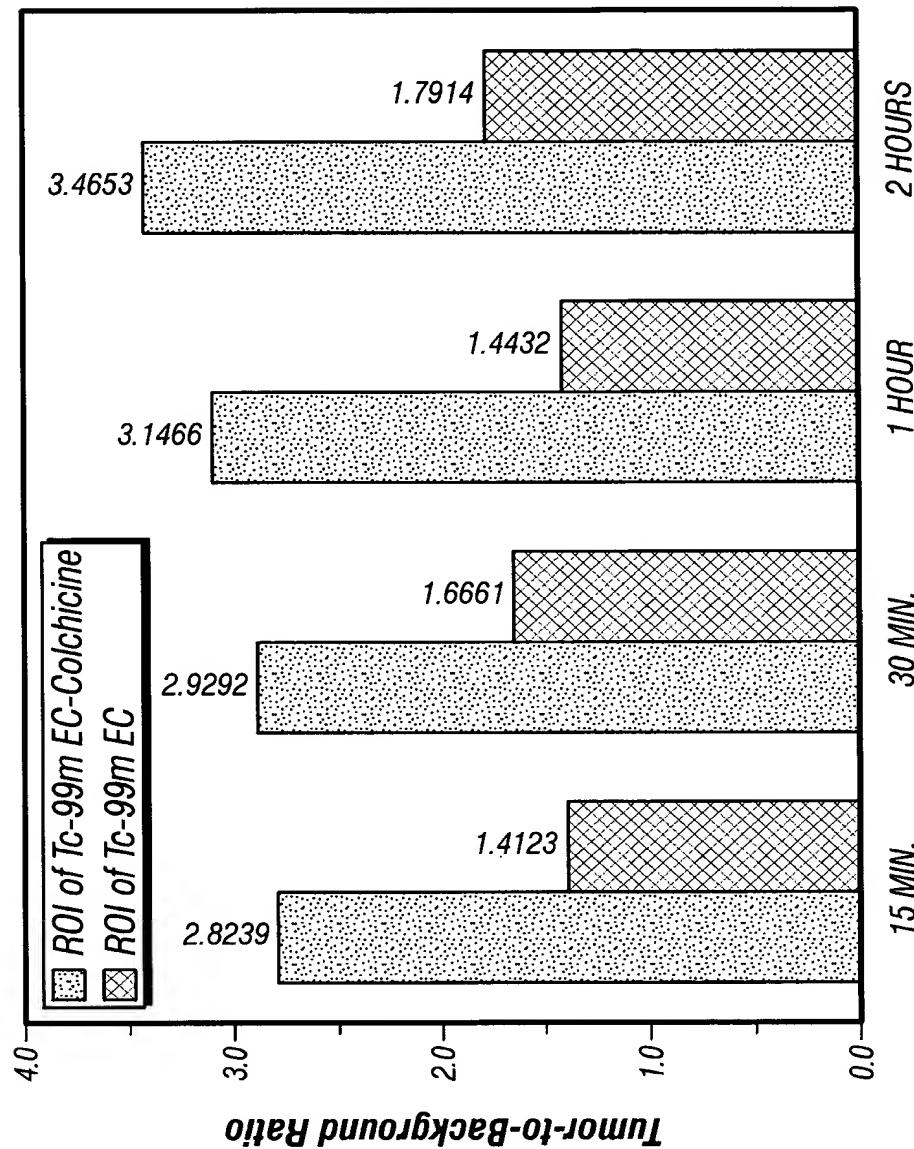


FIG. 27

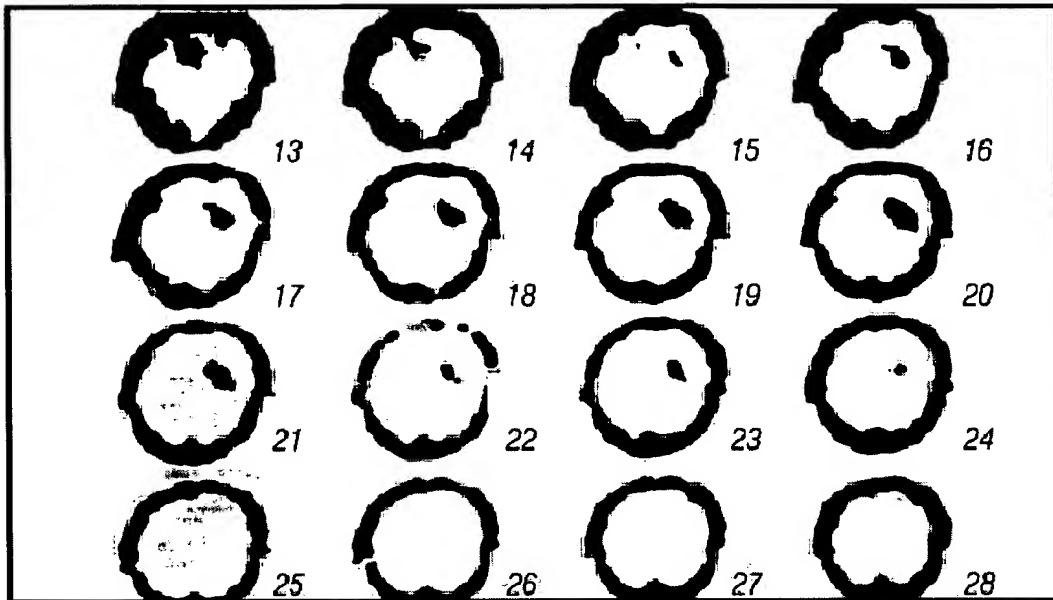
Inventor: David J. Yang et al.

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31/89**FIG. 28****FIG. 29**

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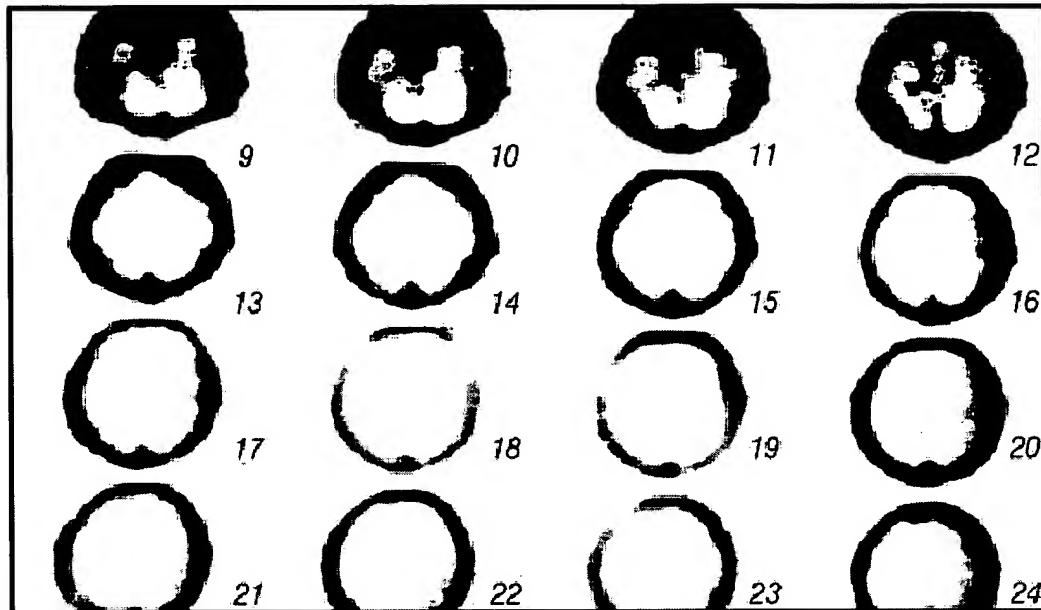


FIG. 30

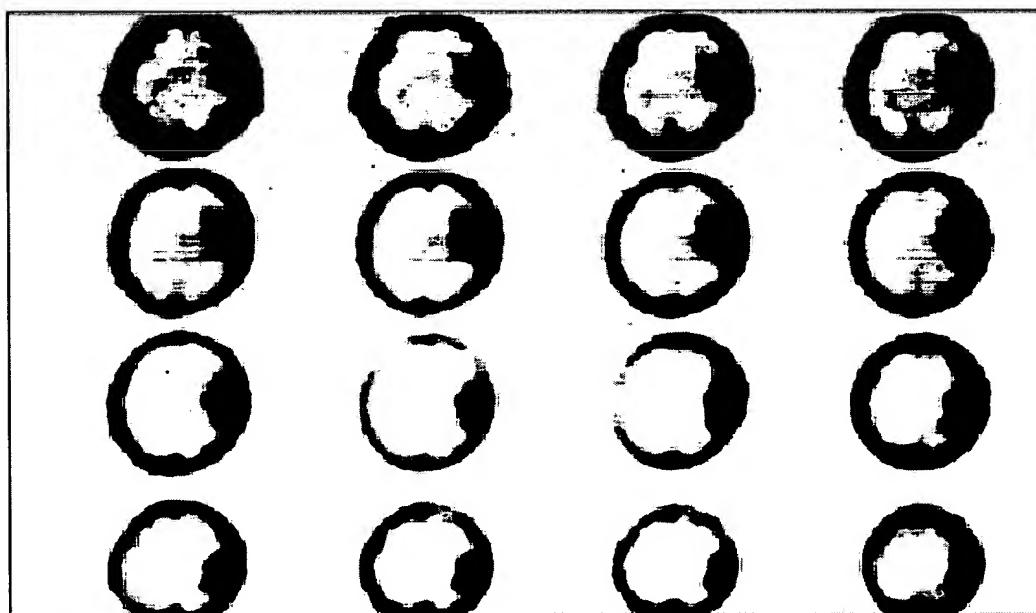


FIG. 31

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FIG. 33

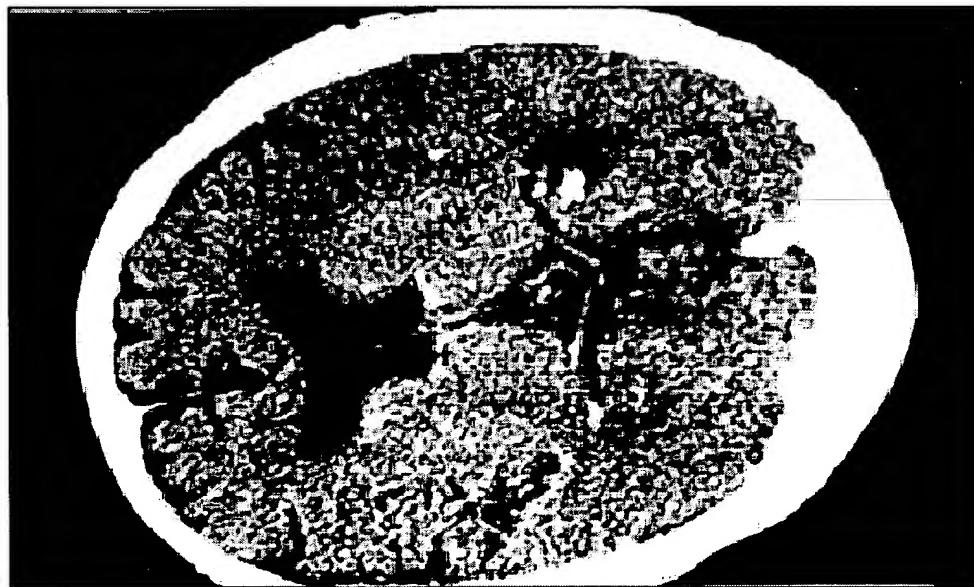


FIG. 32

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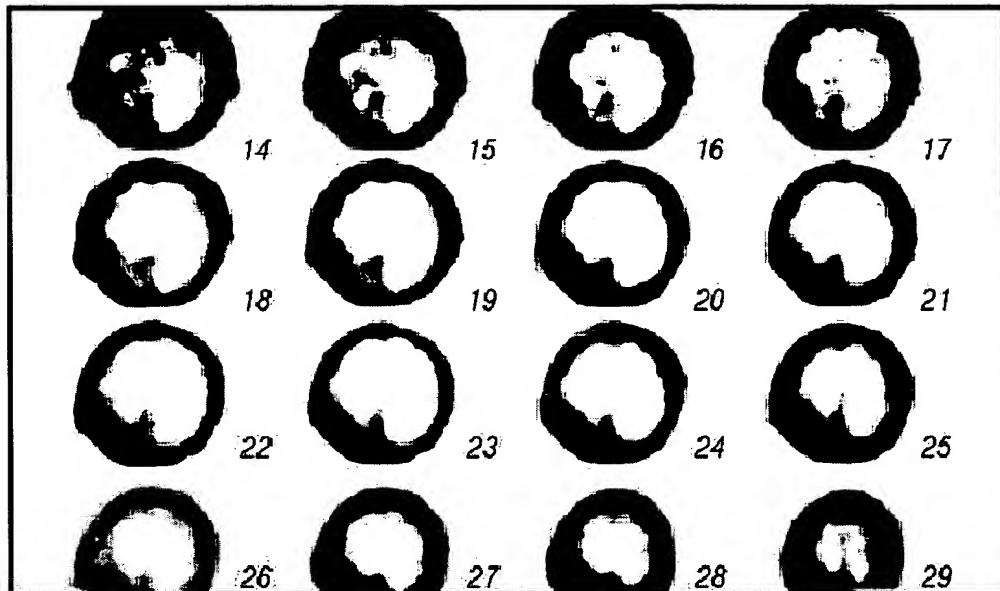


FIG. 34



FIG. 35

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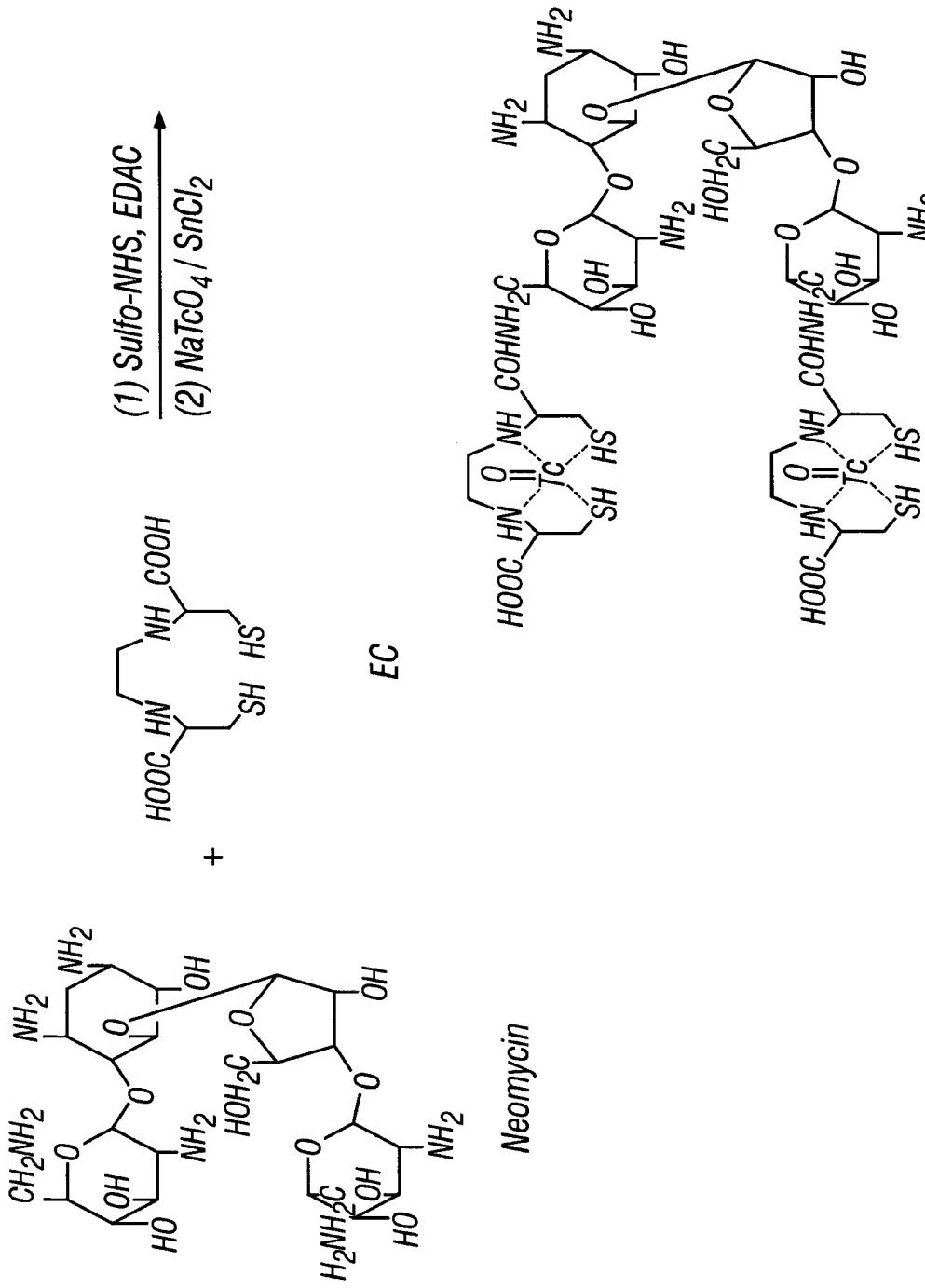


FIG. 36

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99mTc-EC-Neomycin

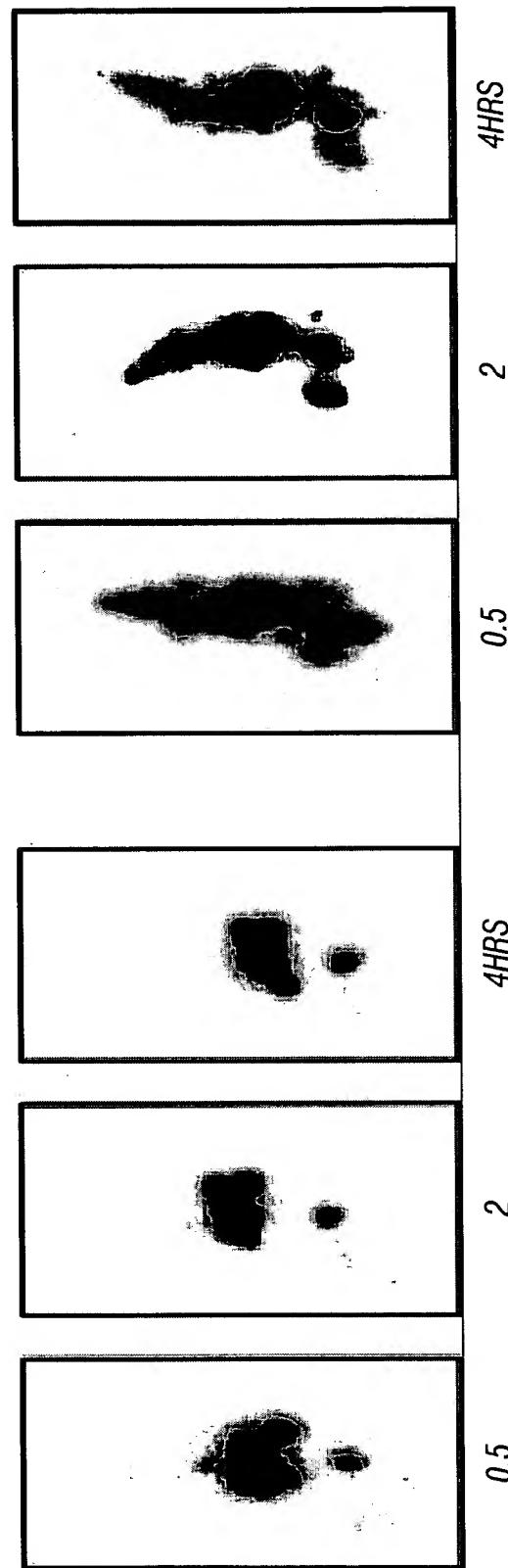


FIG. 37A

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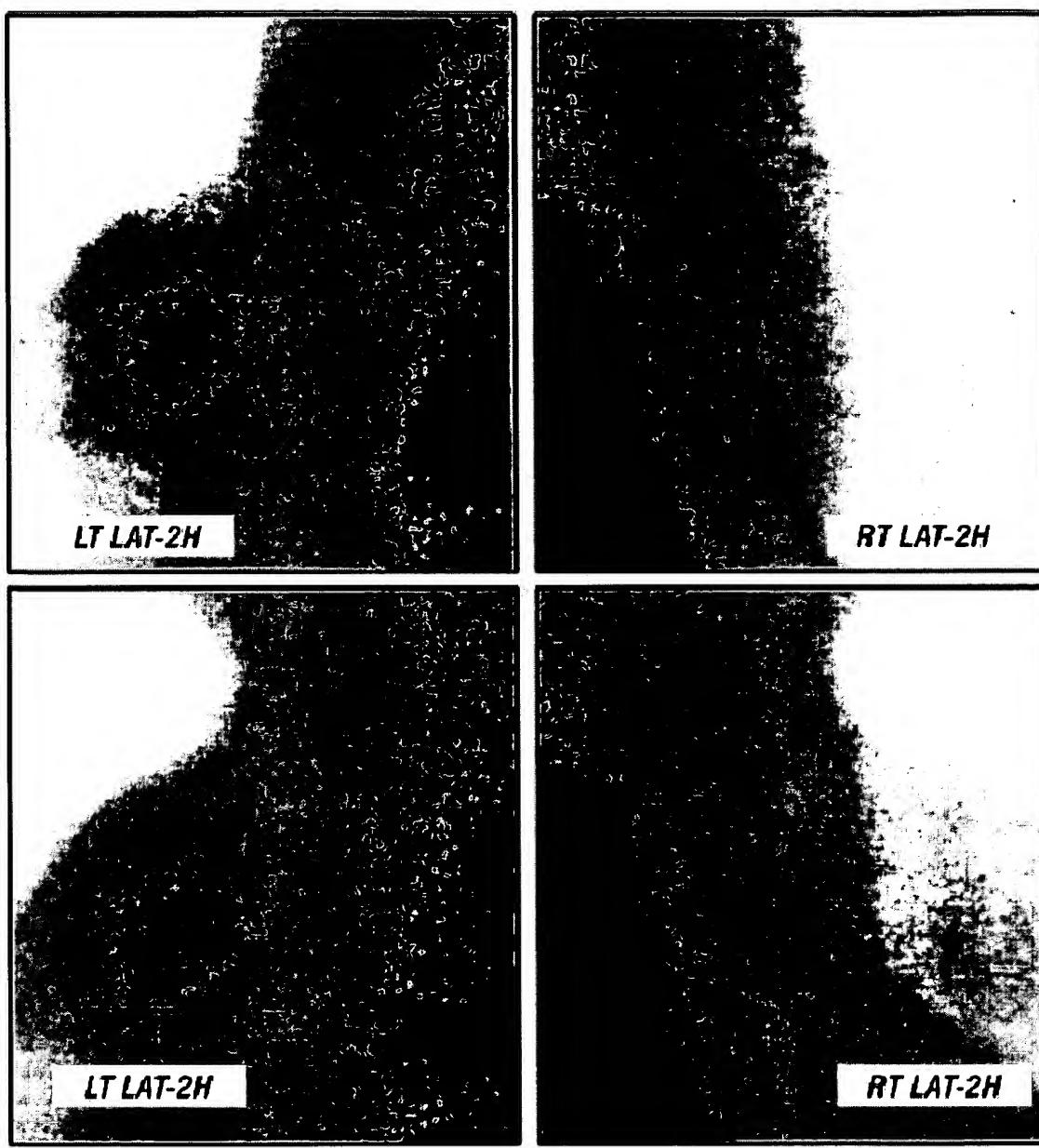


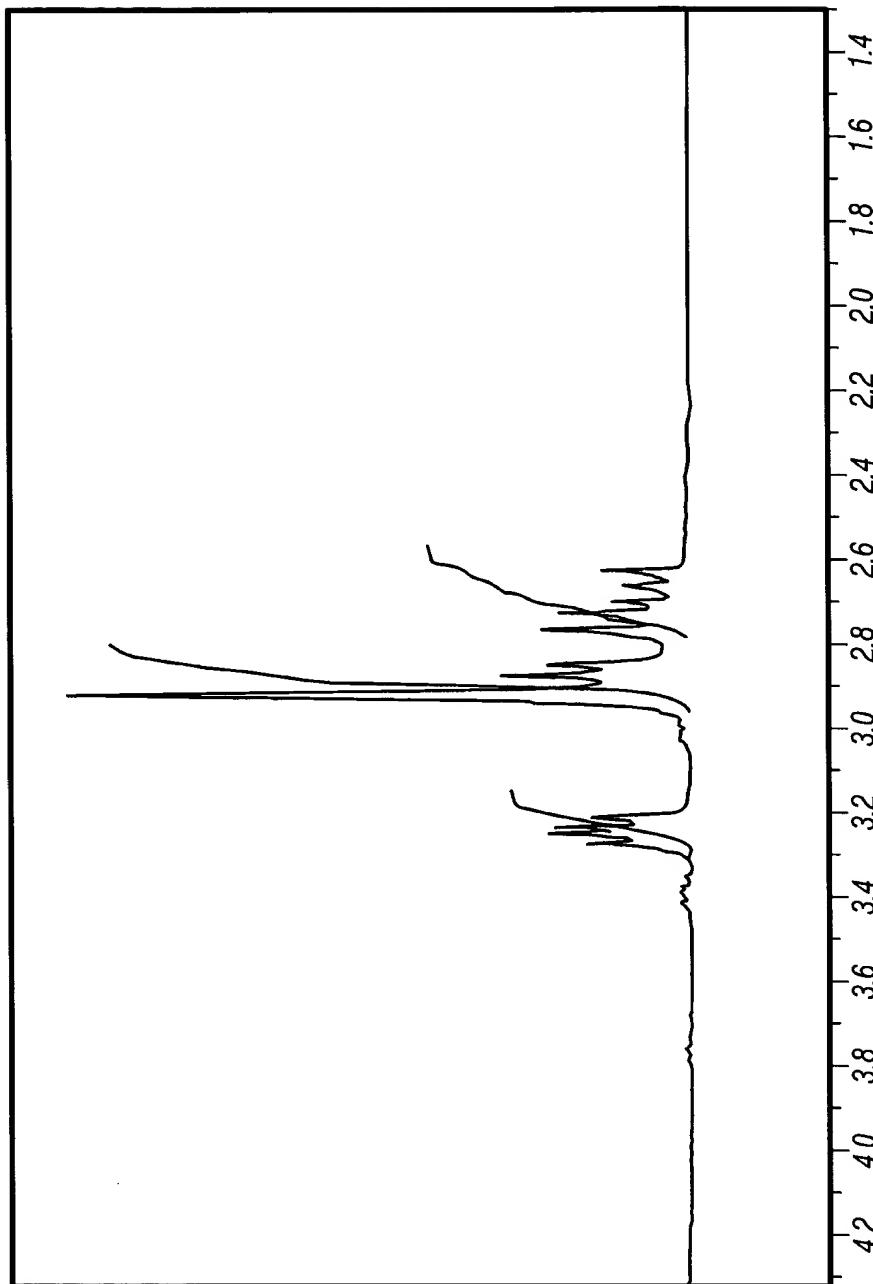
FIG. 37B

Inventor: David J. Yang et al.

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38/89 **^1H -NMR of EC.****FIG. 38A**

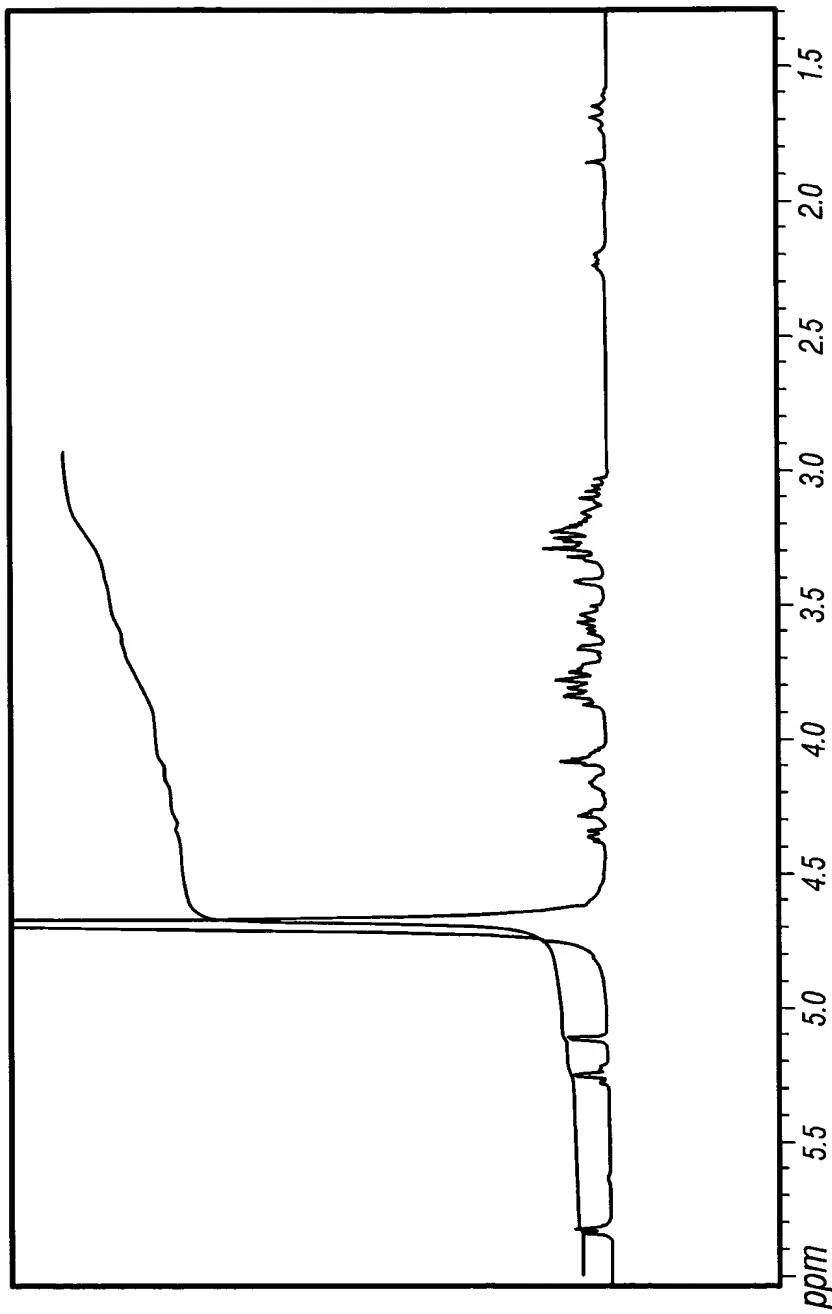
Inventor: David J. Yang et al.

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and Methods for Tissue Specific Disease Imaging

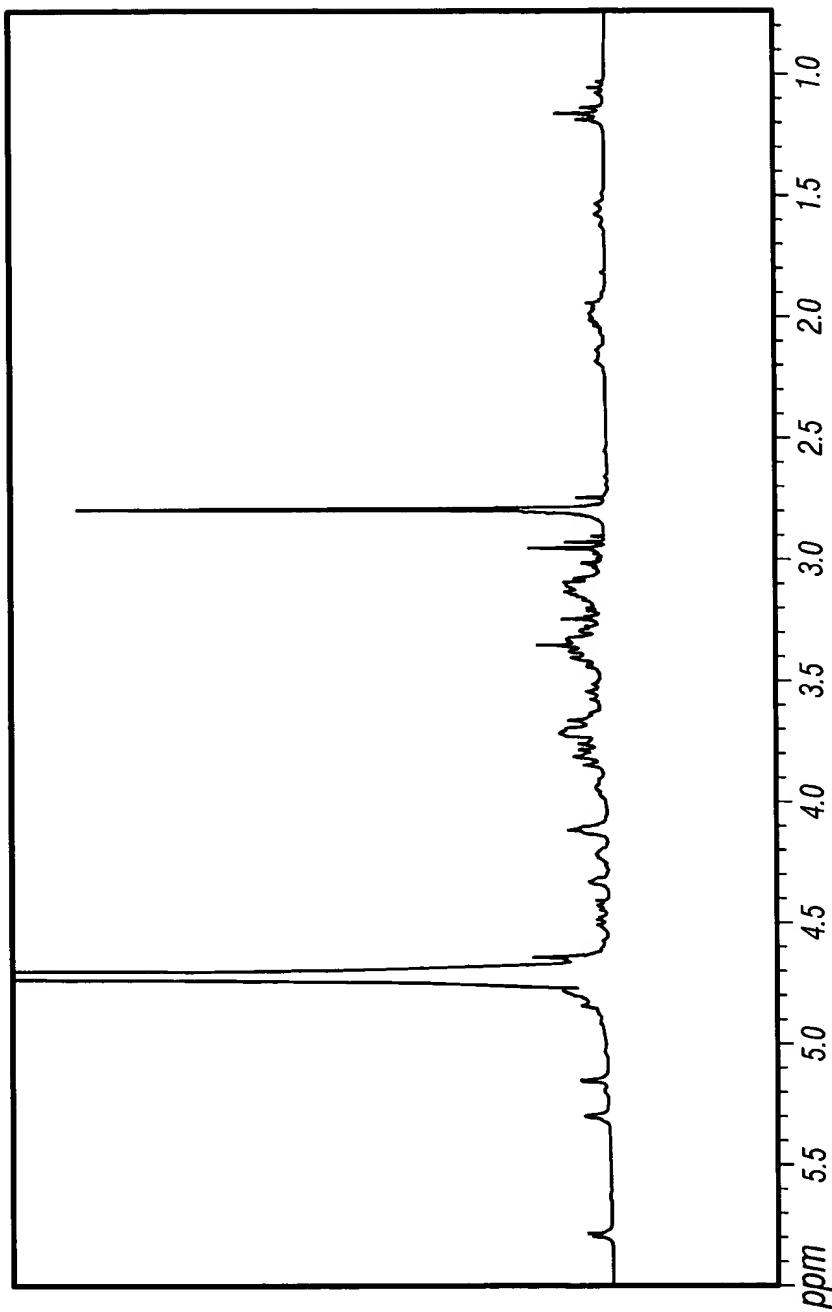
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^1H -NMR of neomycin

FIG. 38B

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^1H -NMR of EC-neomycin

FIG. 38C

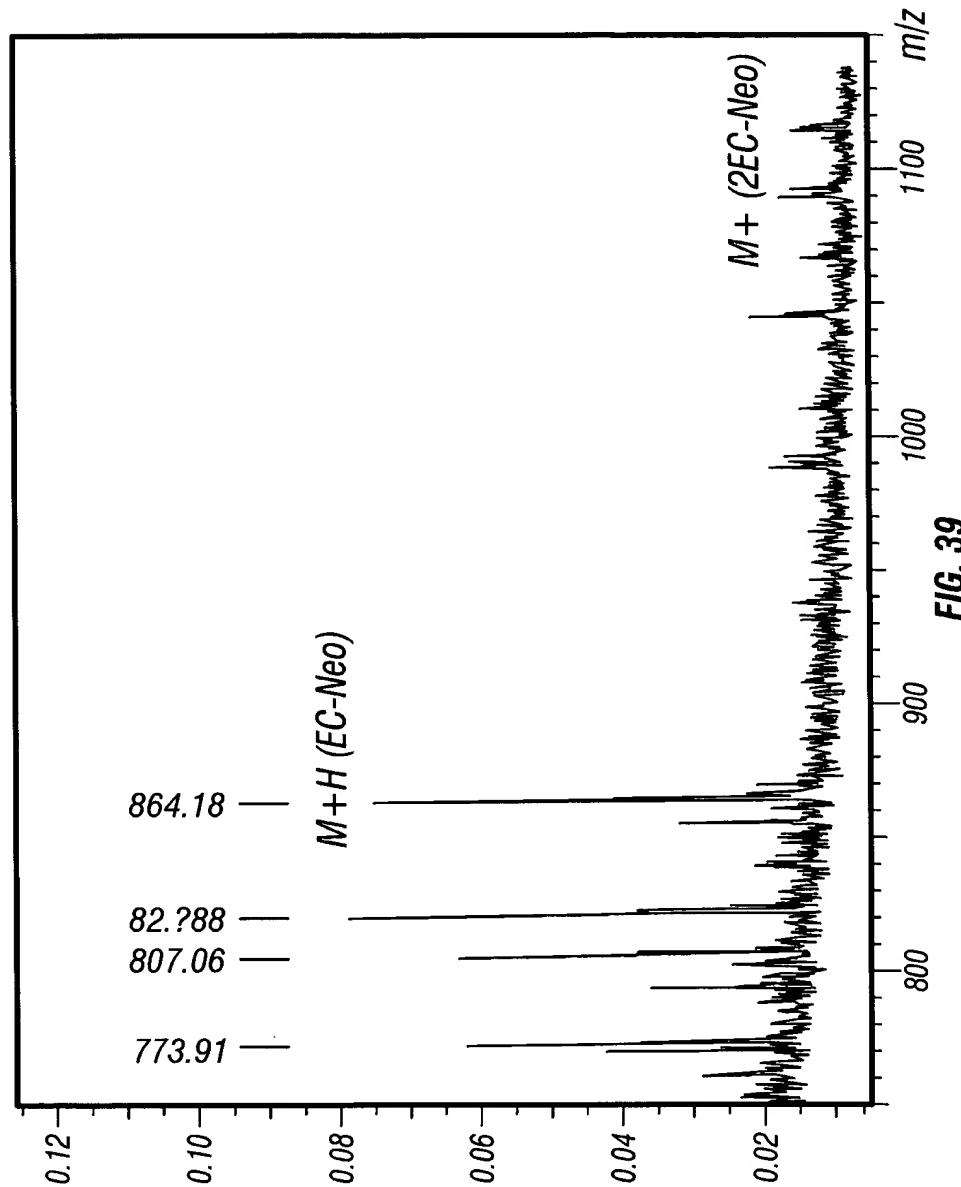
Inventor: David J. Yang et al.

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Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions
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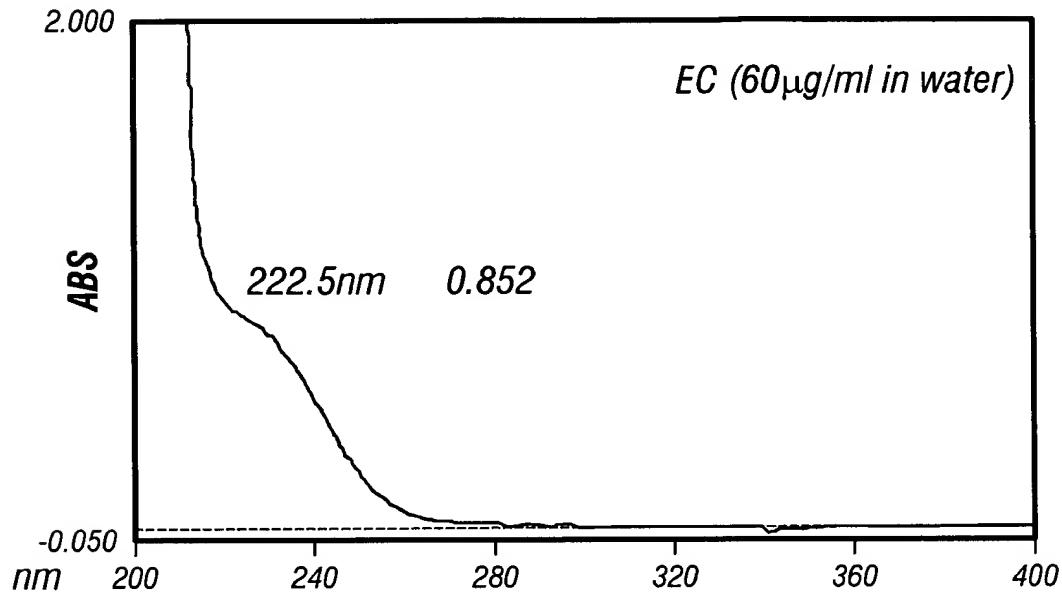
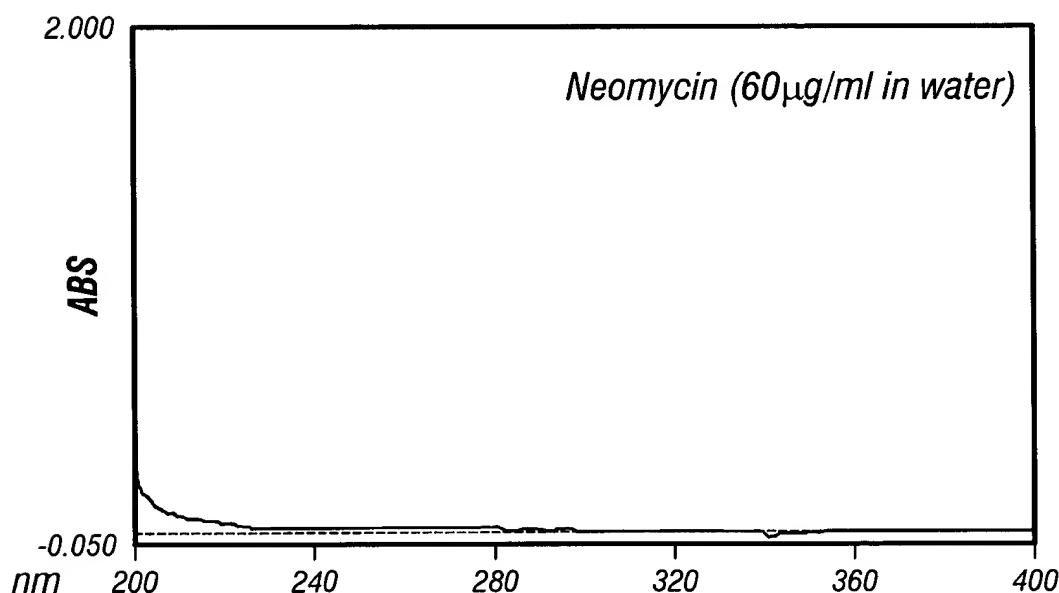
Inventor: David J. Yang et al.

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42/89**FIG. 40A****FIG. 40B**

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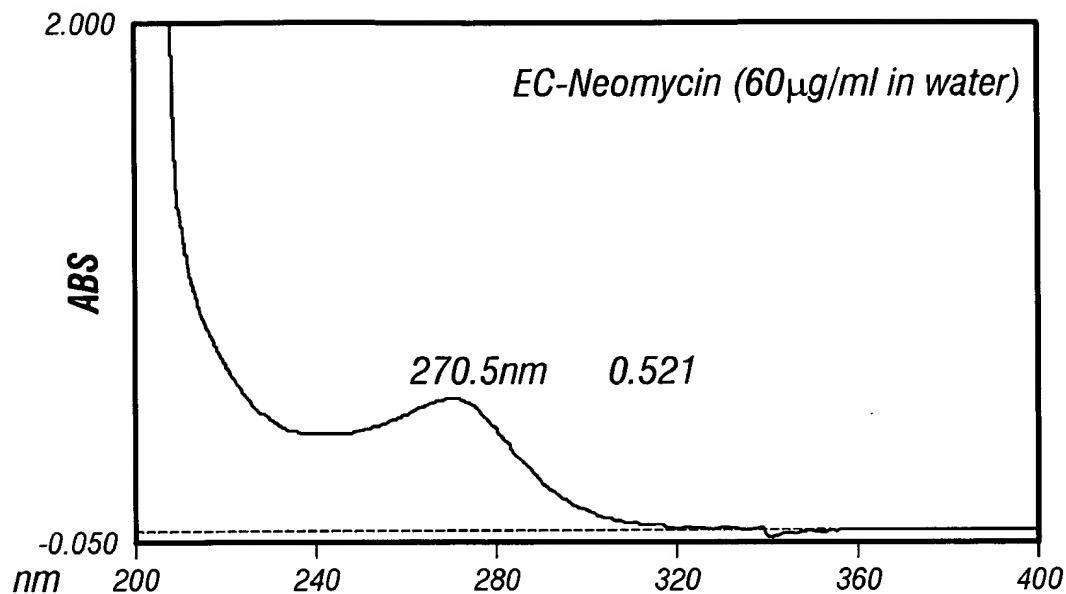


FIG. 40C

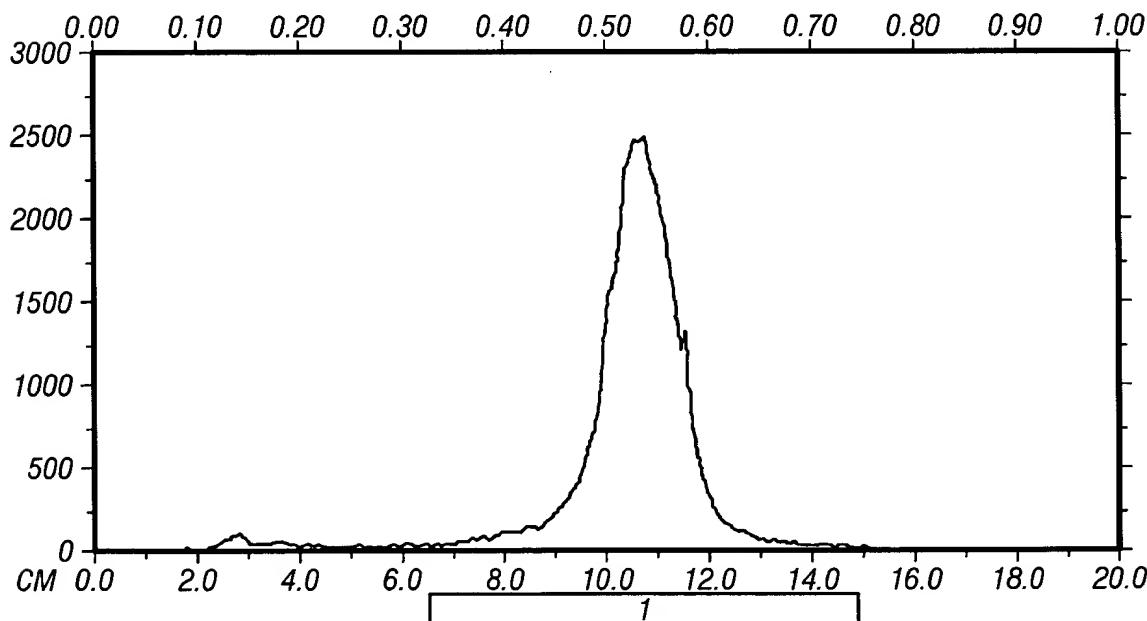


FIG. 41

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99mTc-EC-NEO

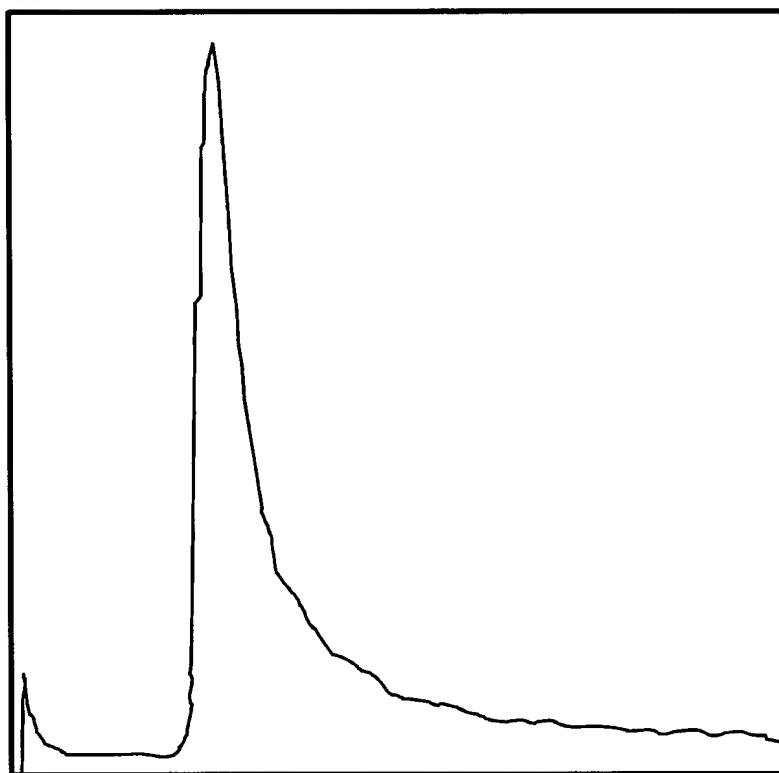


FIG. 42

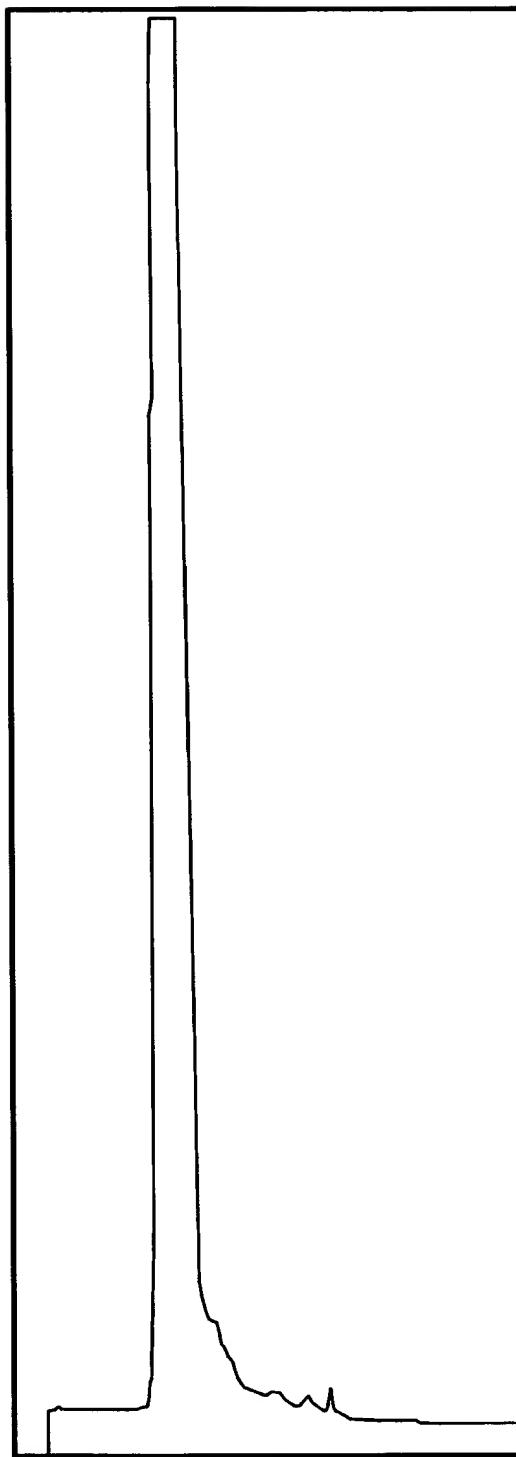
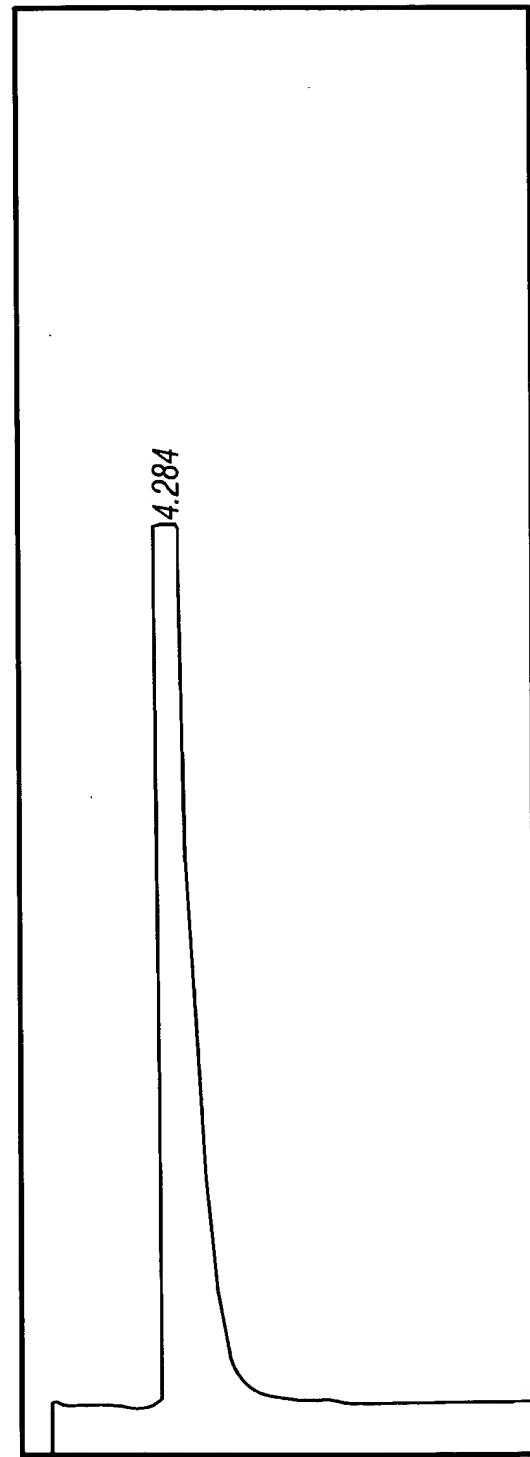
Inventor: David J. Yang et al.

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45/89*99mTc-EC-NEO**18F-FDG***FIG. 43****FIG. 44**

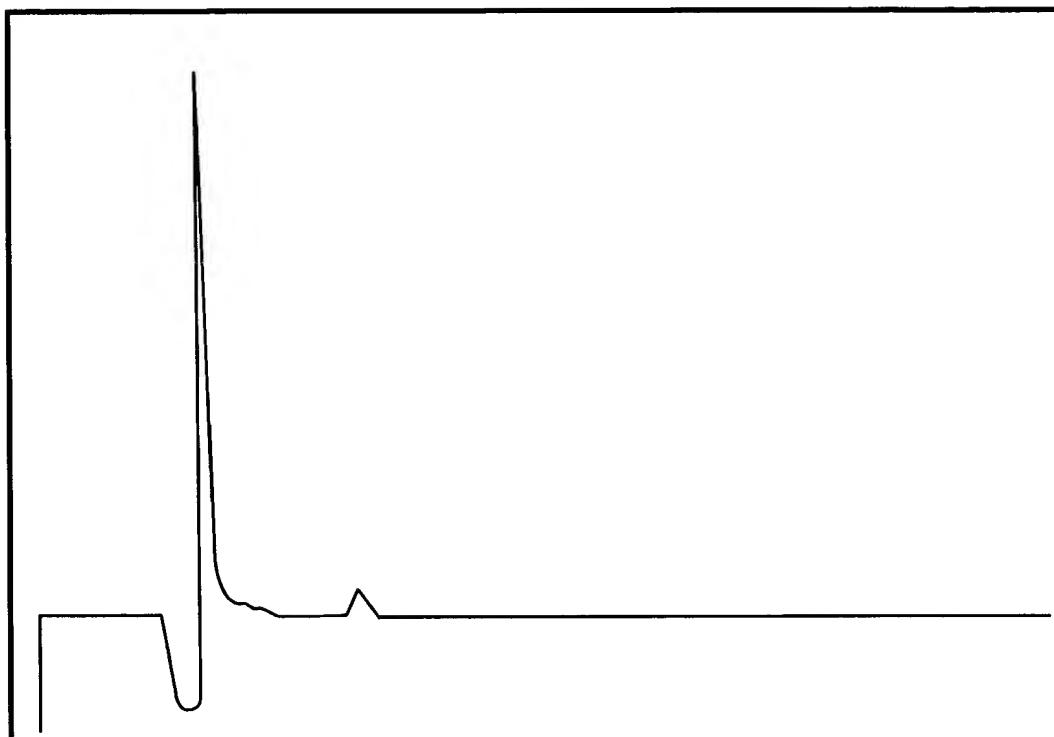
Inventor: David J. Yang et al.

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46/89*18F-FDG***FIG. 45**

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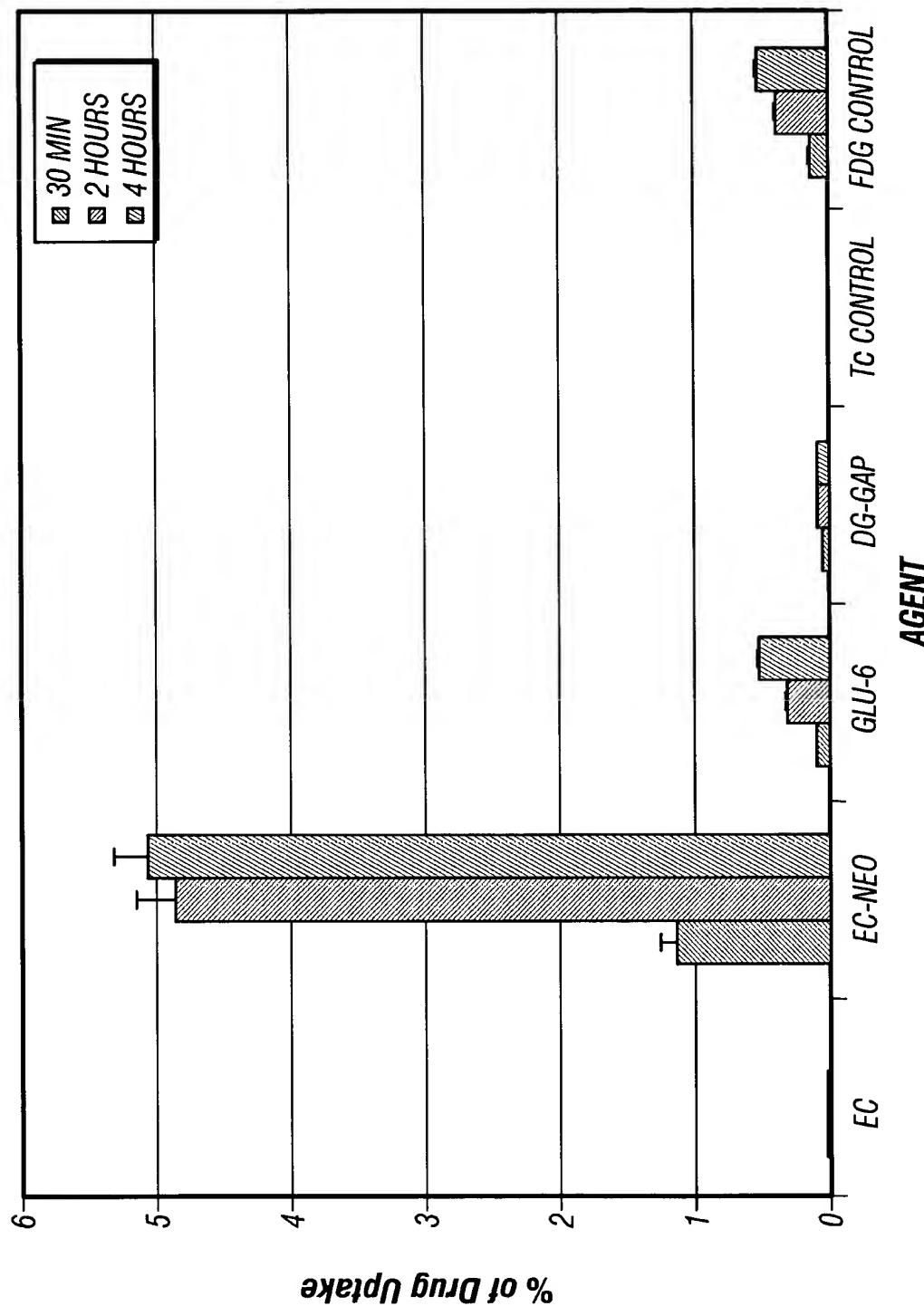


FIG. 46

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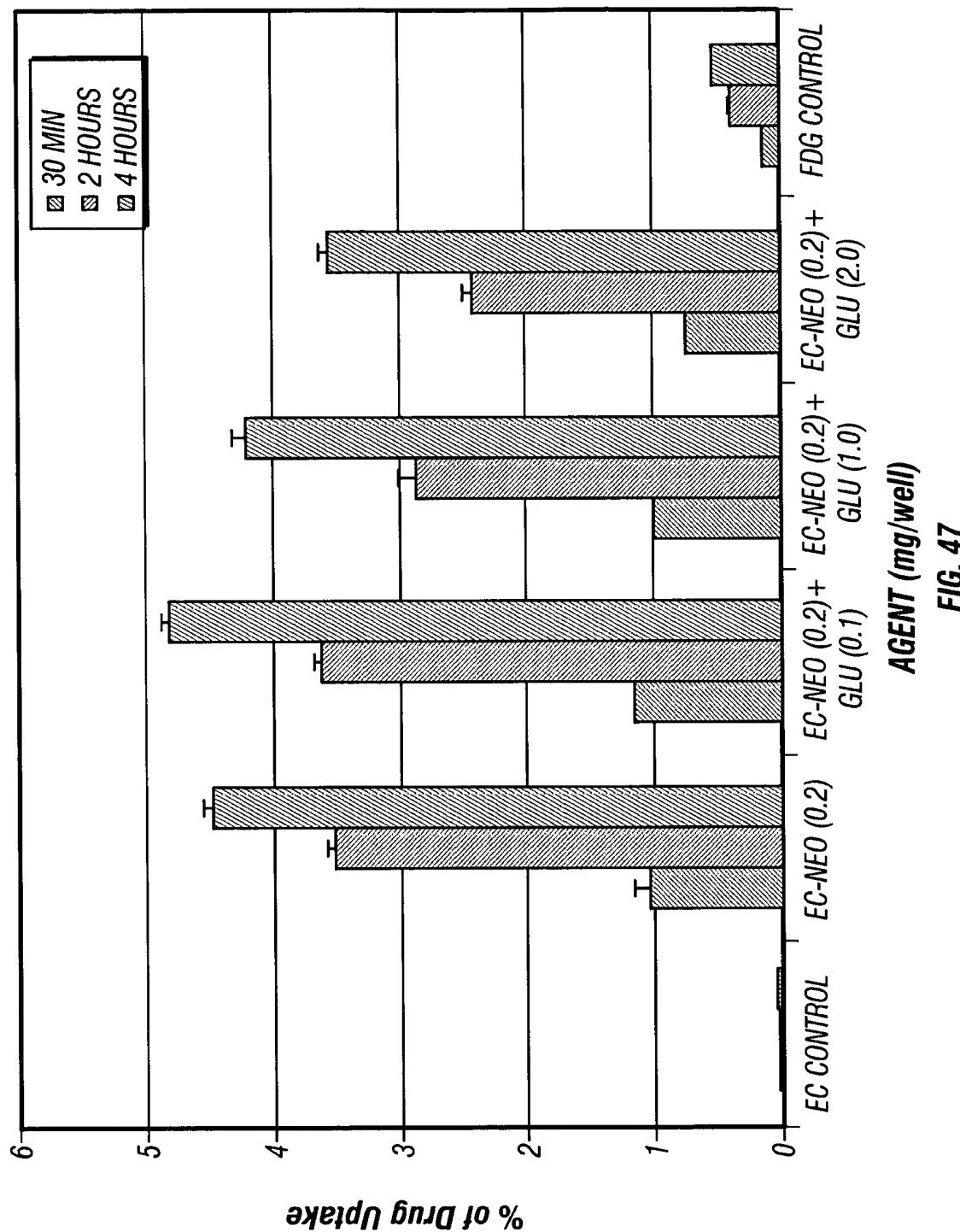
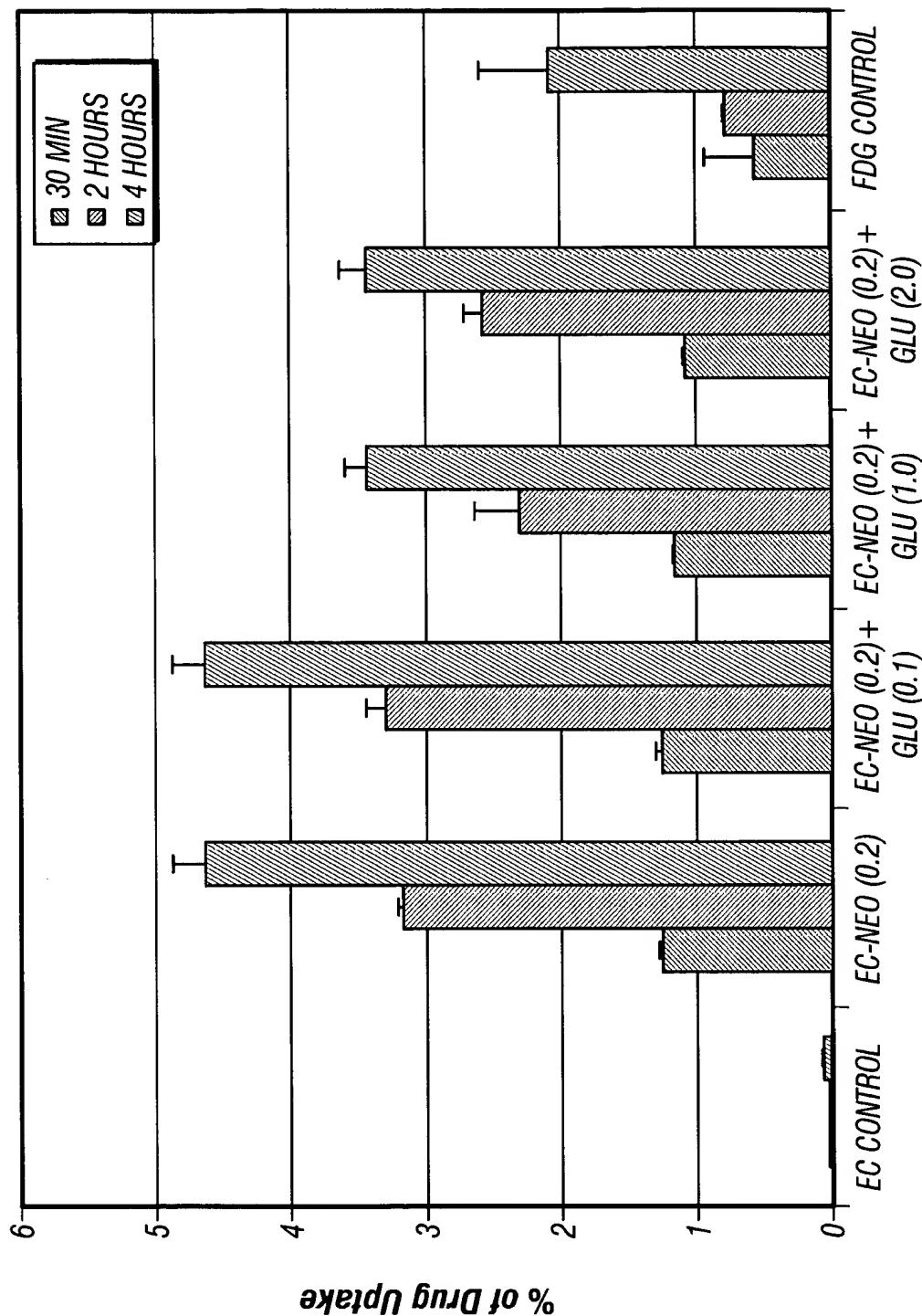
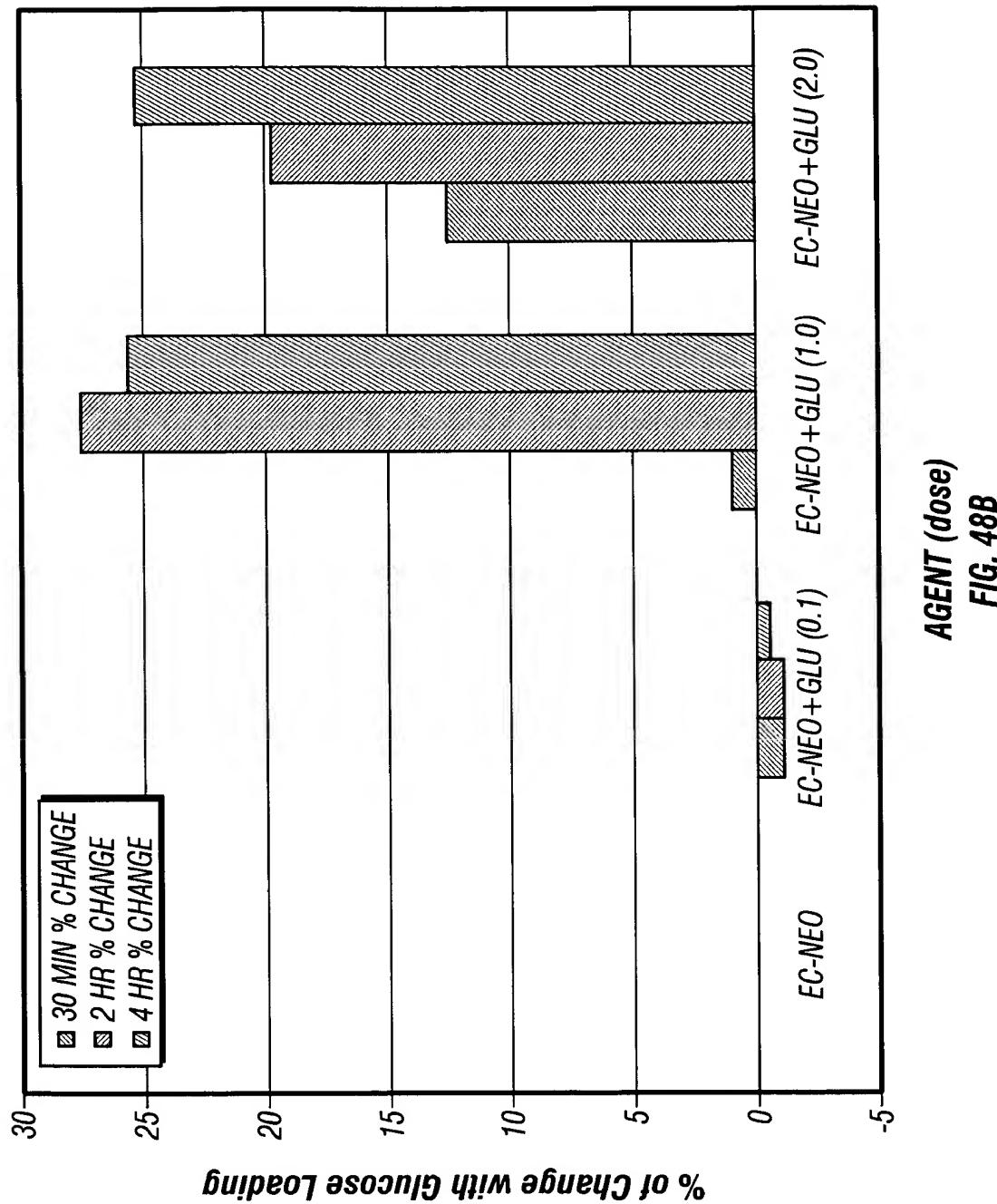


FIG. 47

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AGENT
FIG. 48A

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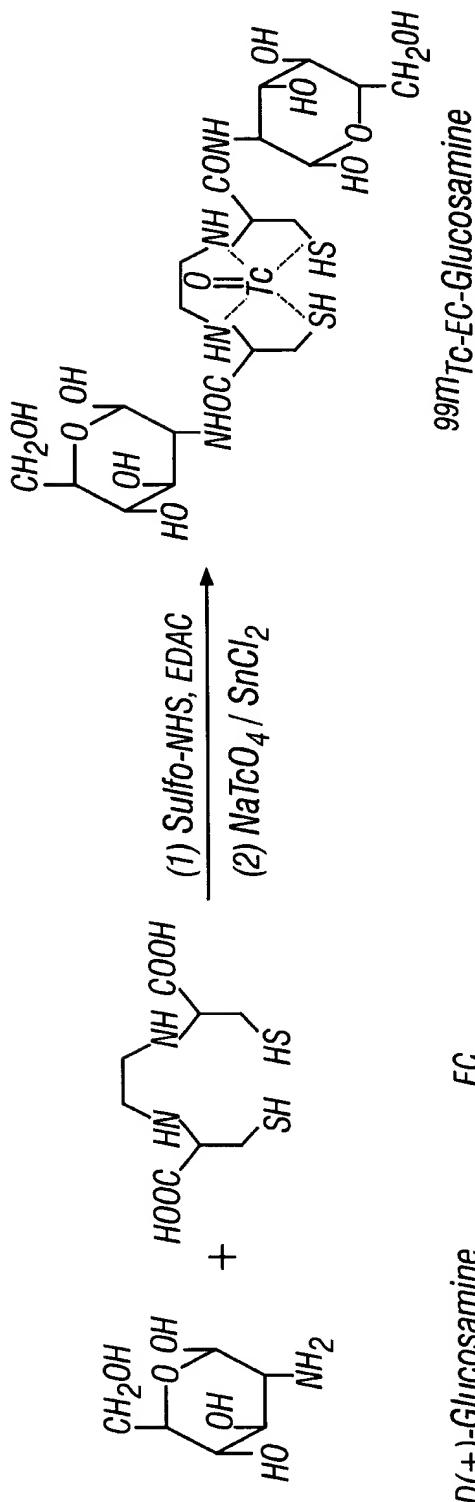


FIG. 49

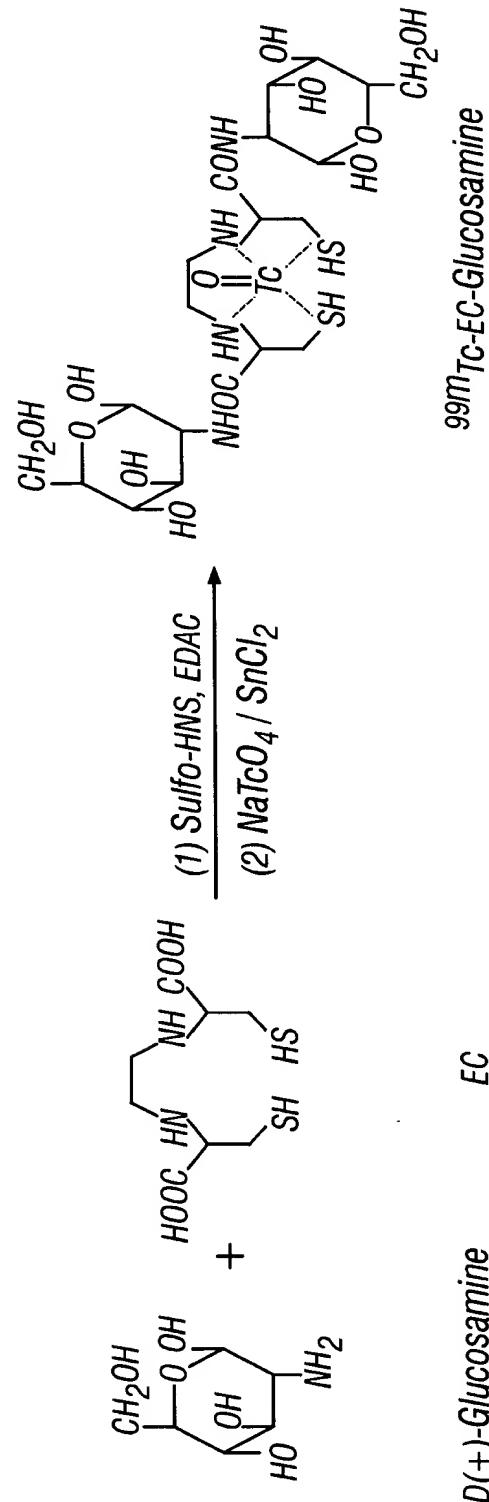


FIG. 59

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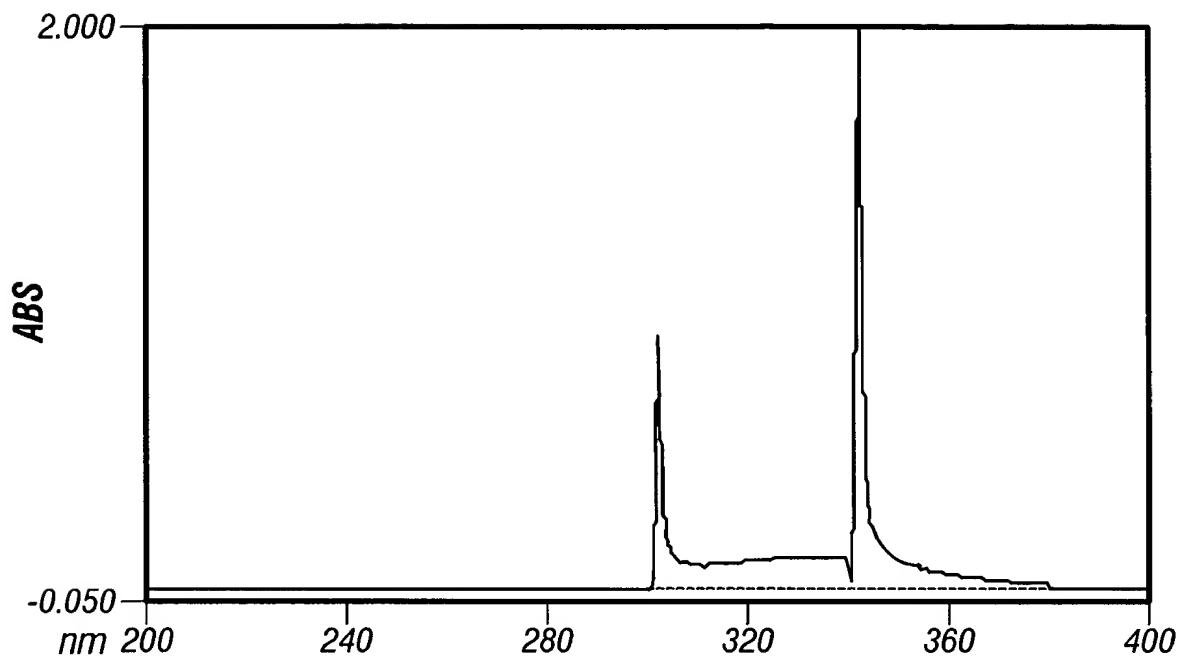


FIG. 50

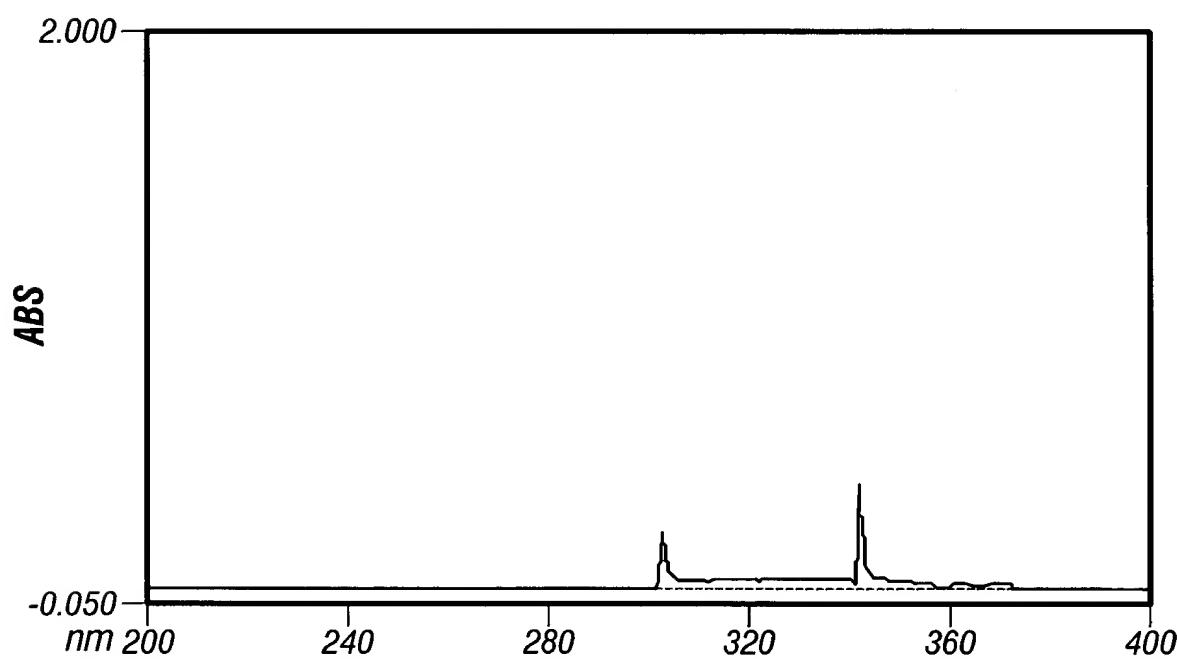
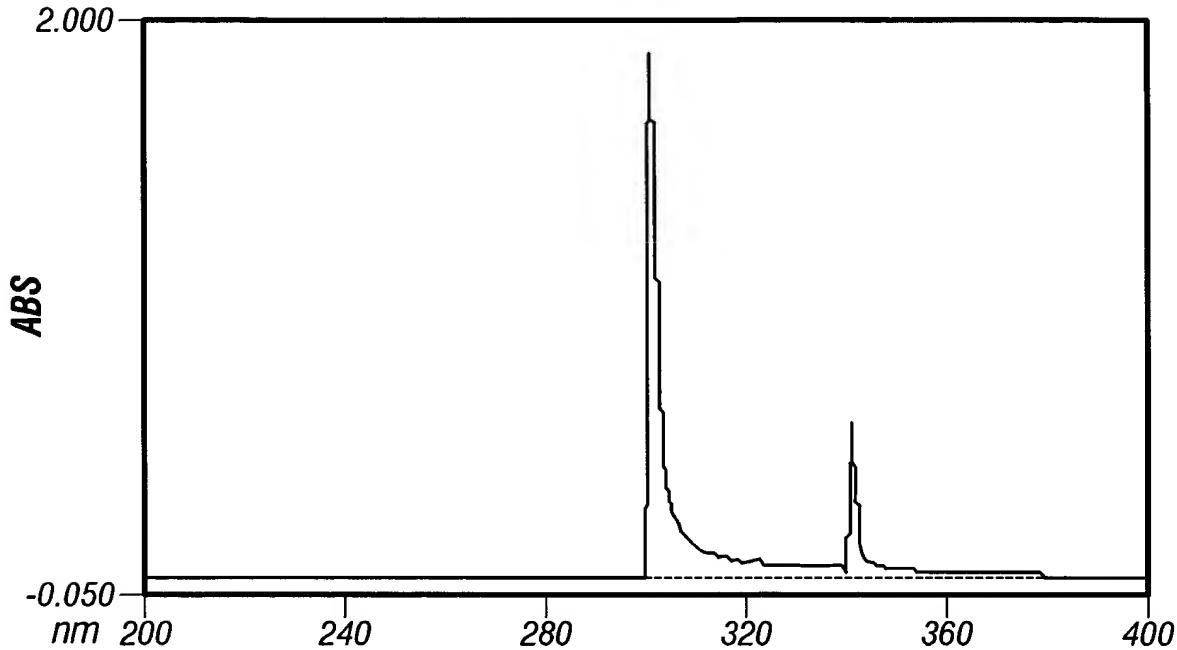
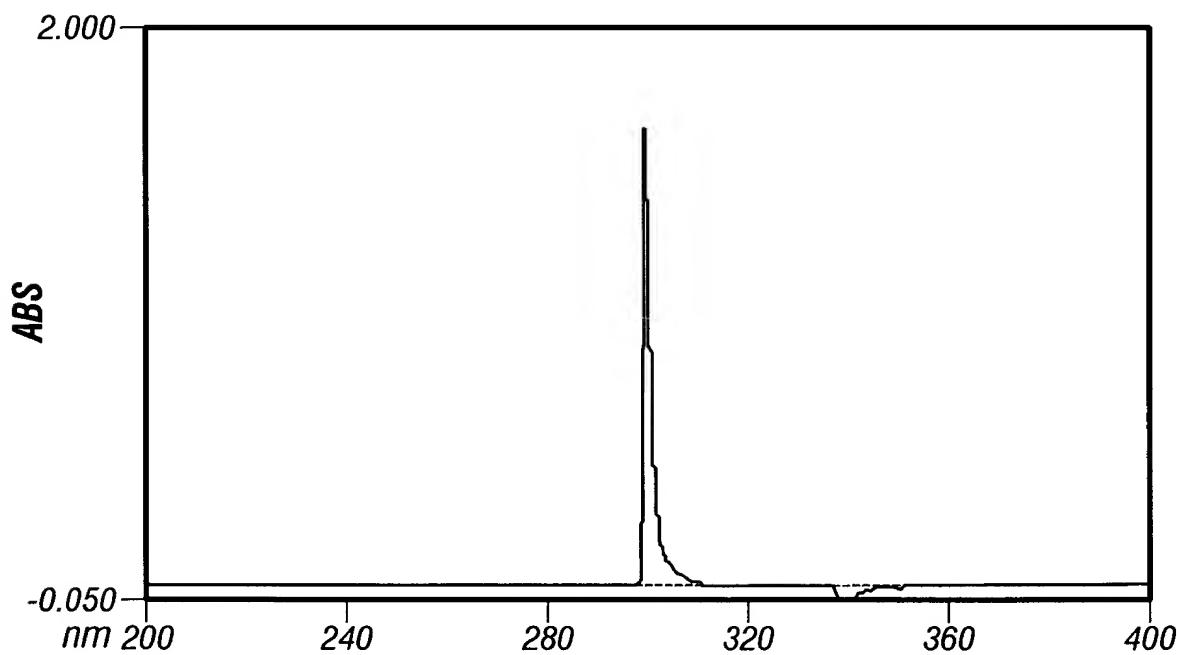


FIG. 51

53/89**FIG. 52****FIG. 53**

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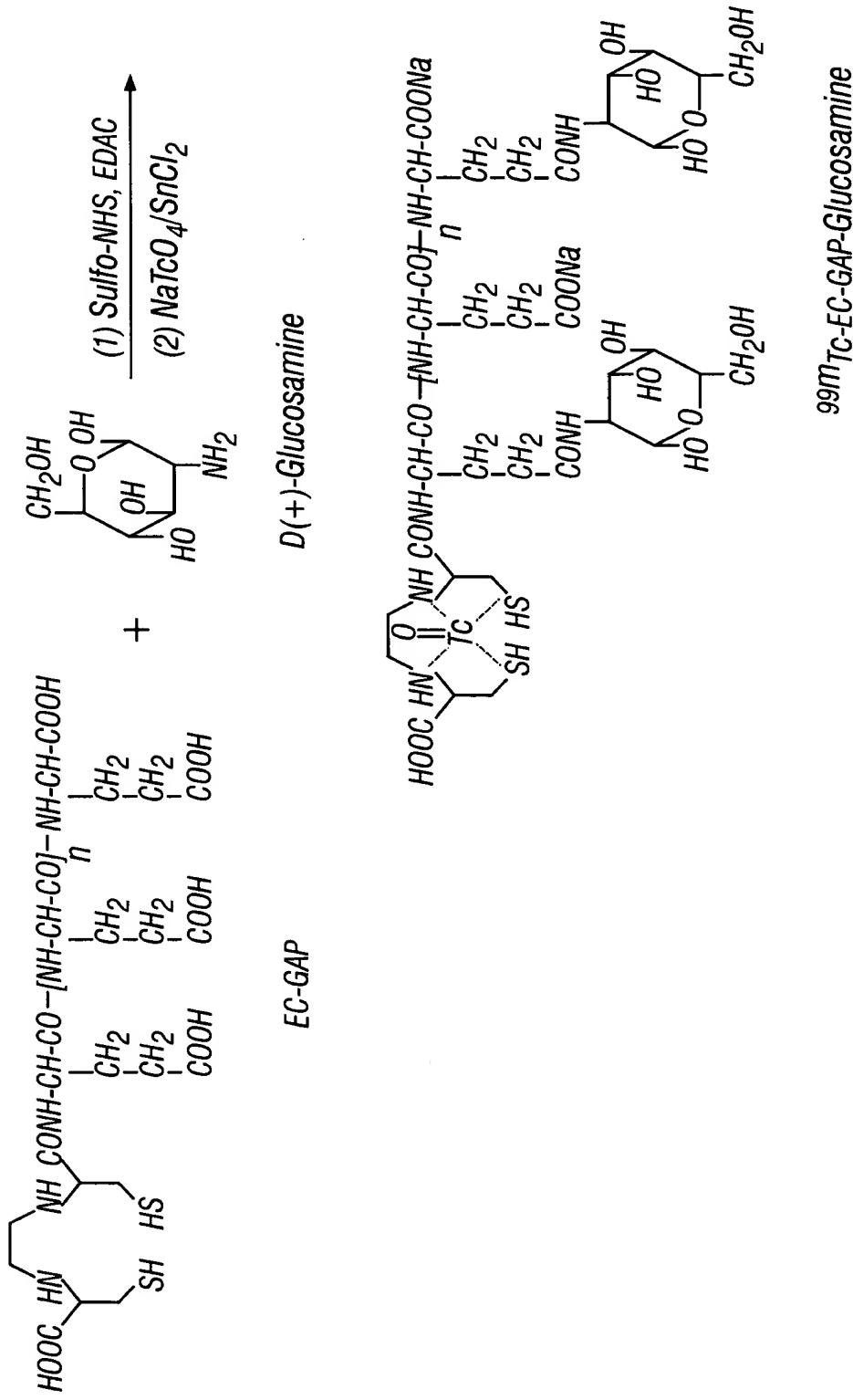
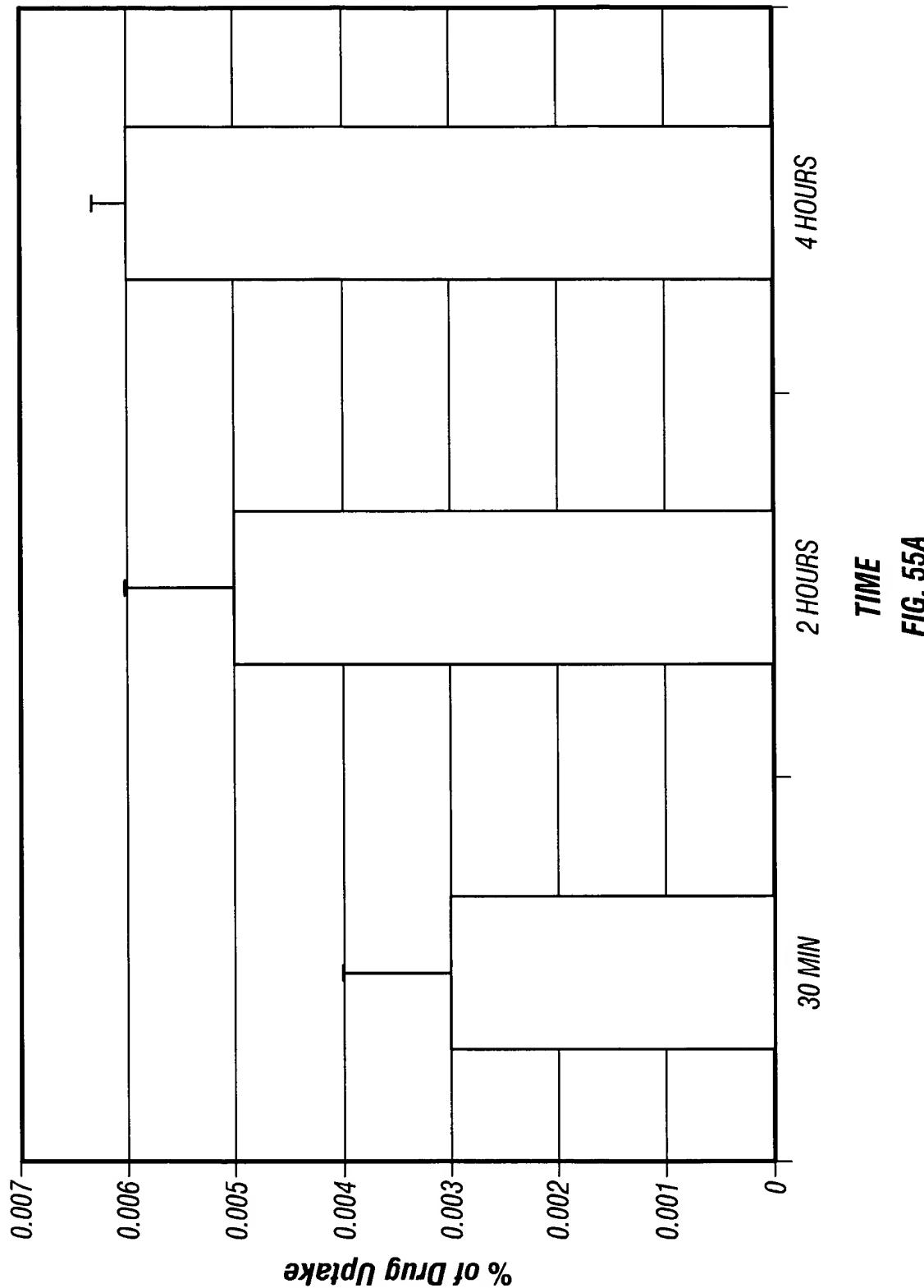
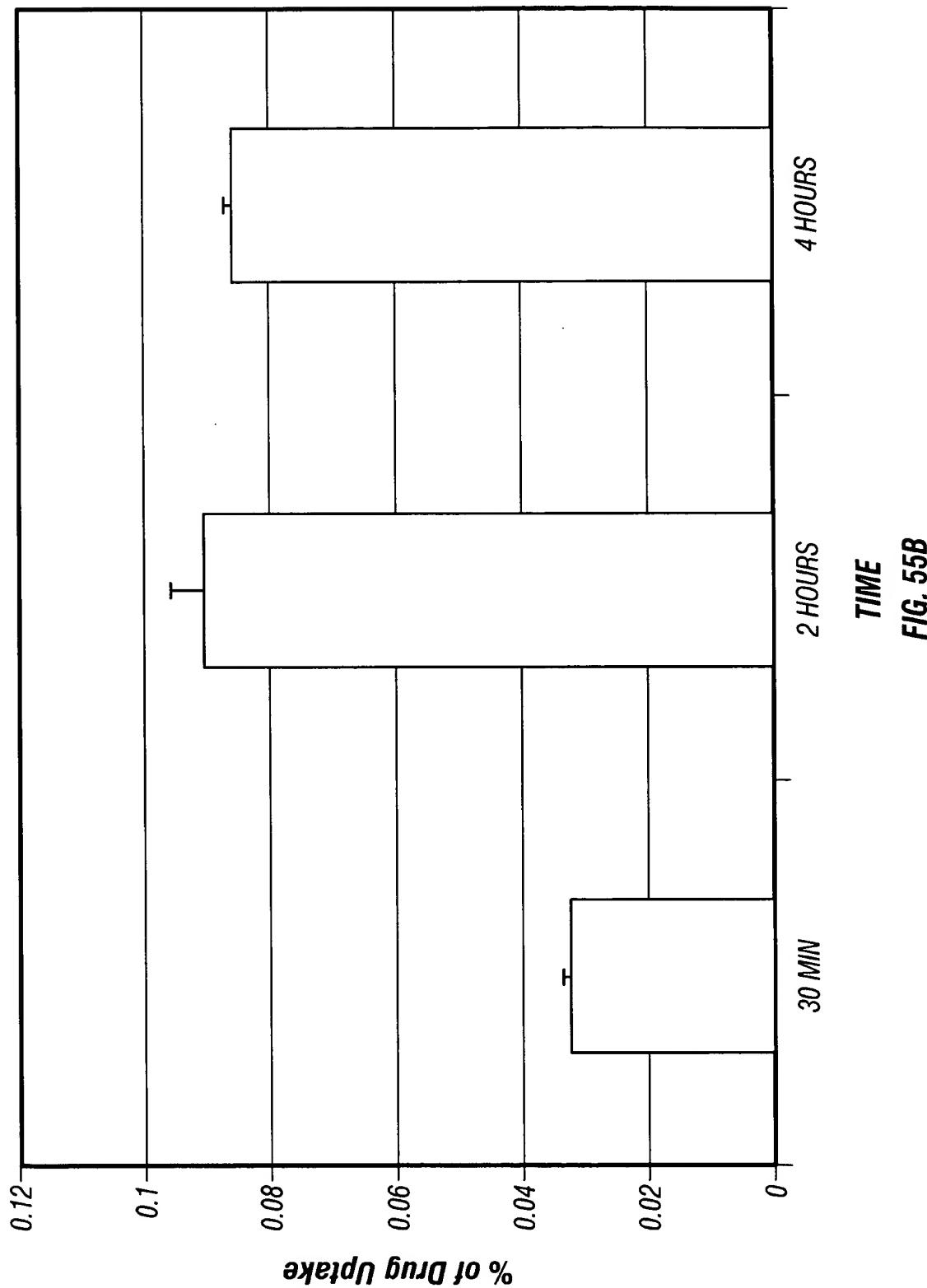


FIG. 54

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56/89**FIG. 55B**

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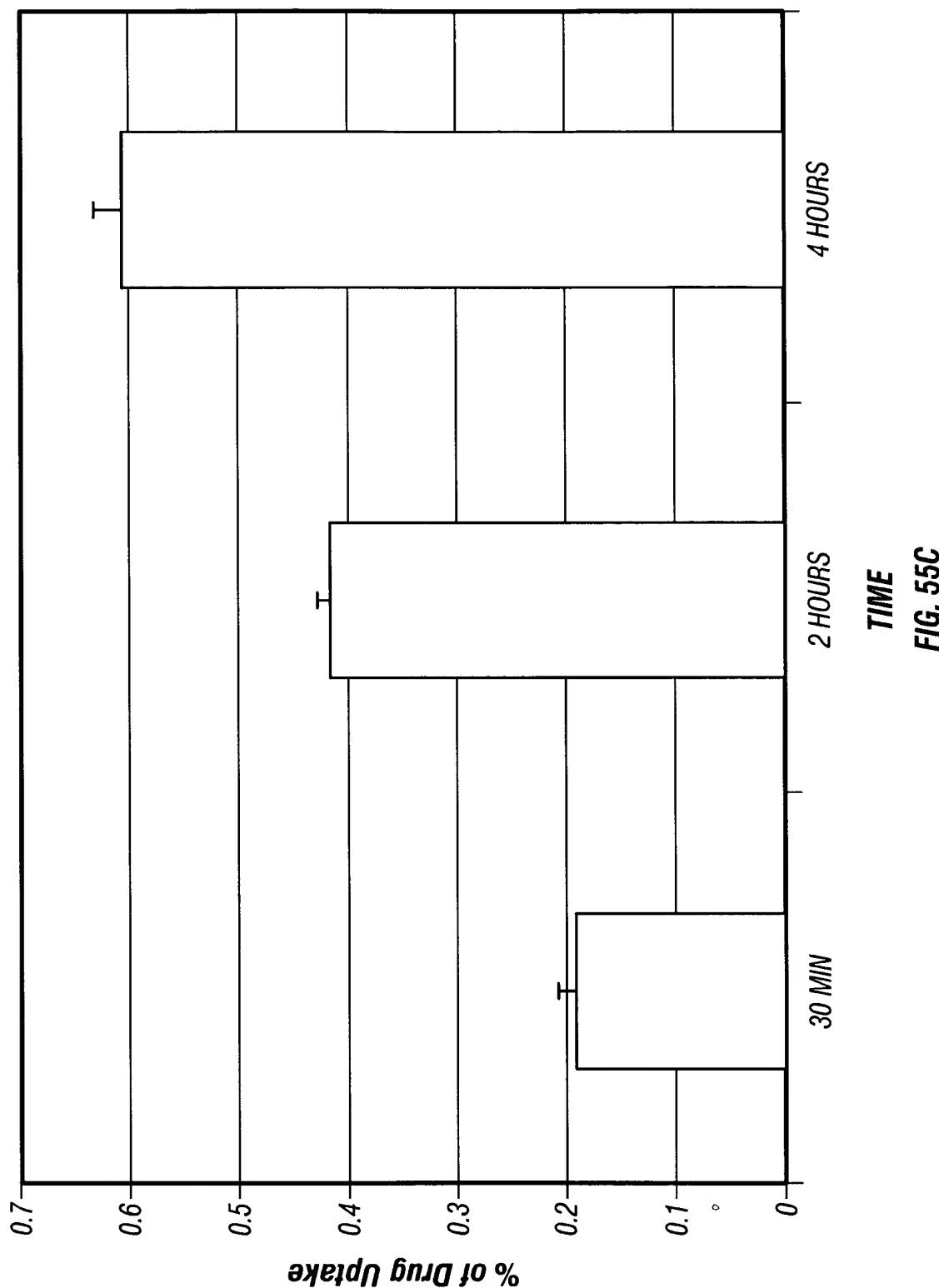


FIG. 55C

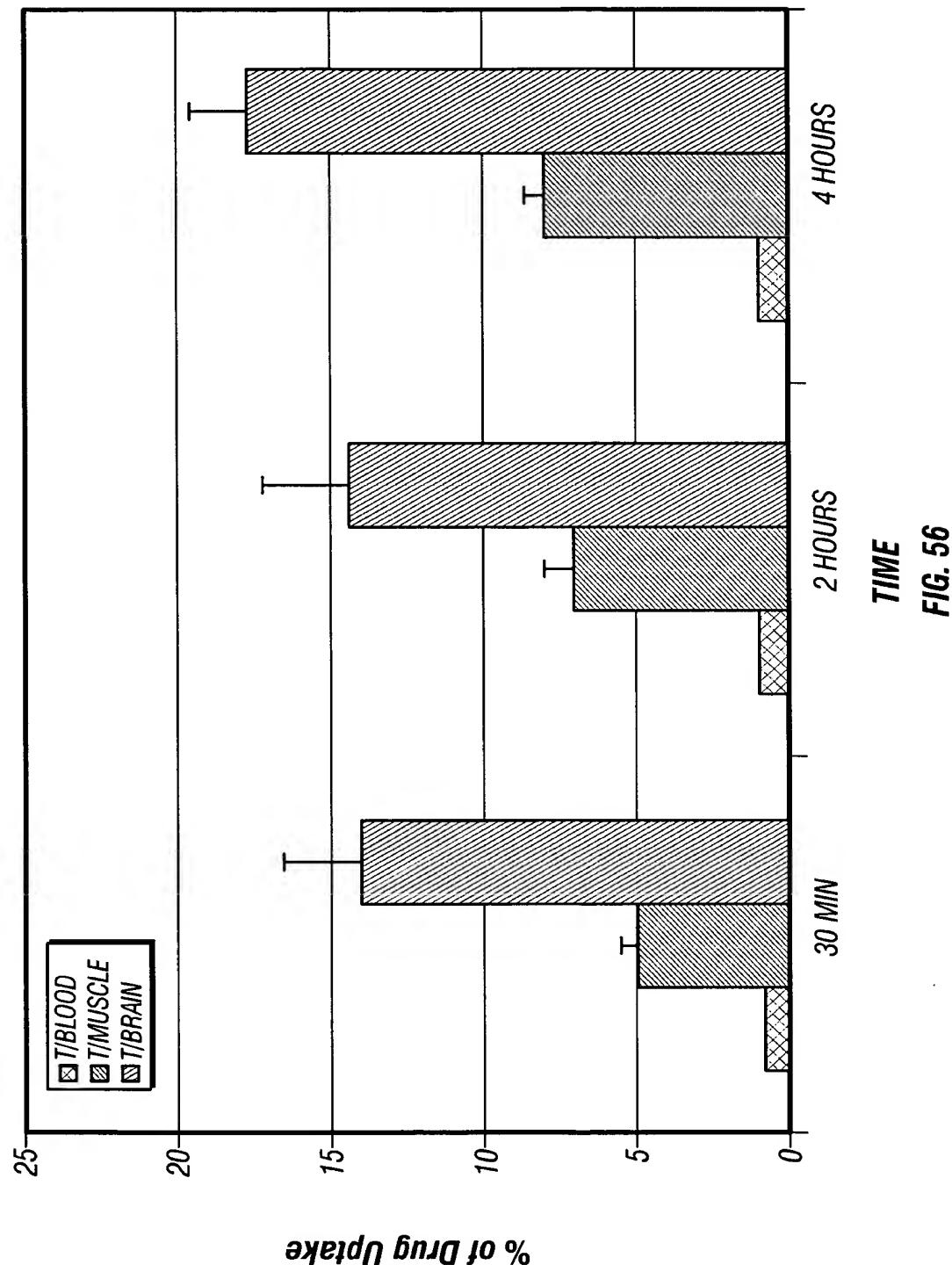
Inventor: David J. Yang et al.

Serial No. 09/599,152

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

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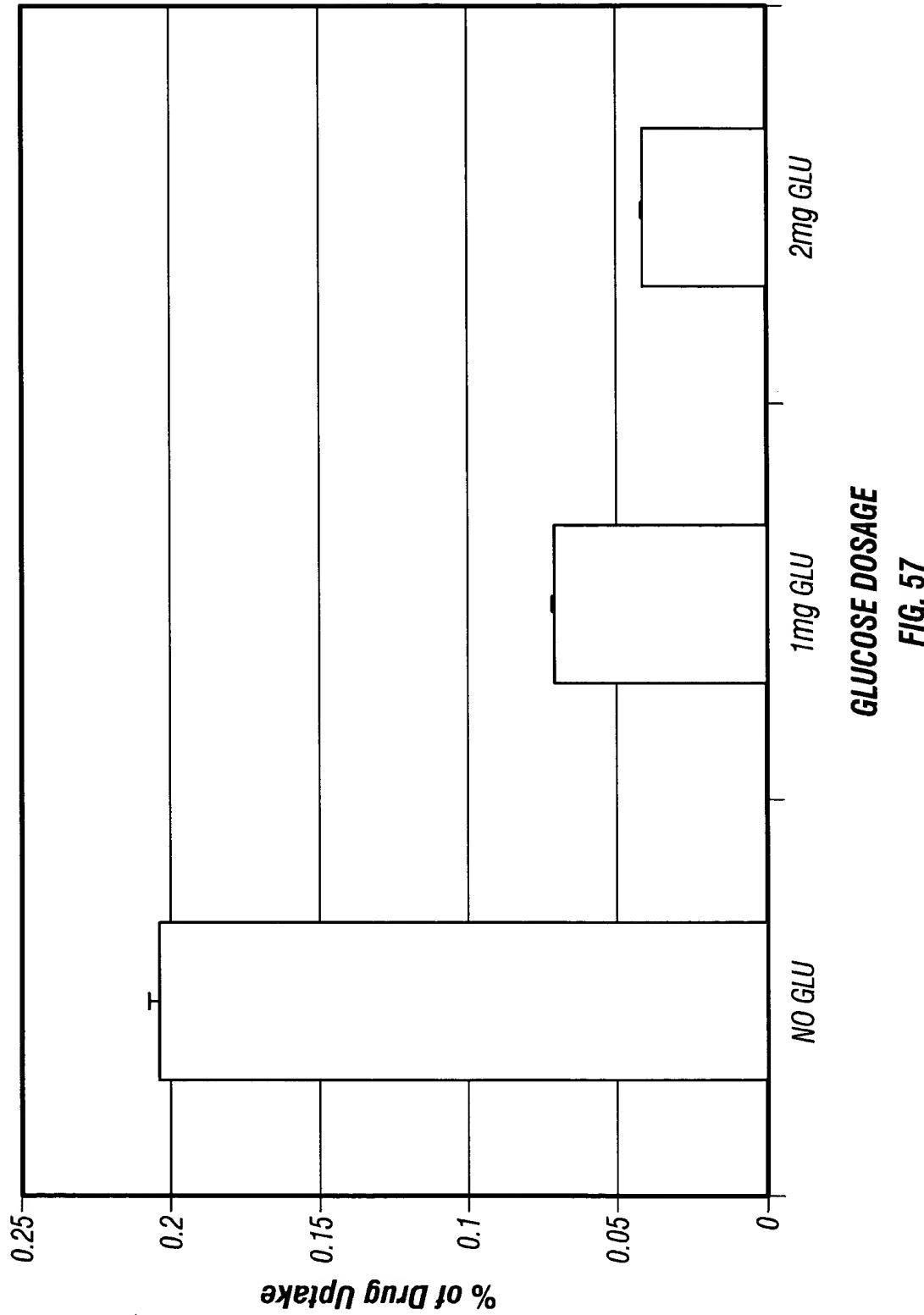
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FIG. 57

Inventor: David J. Yang et al.

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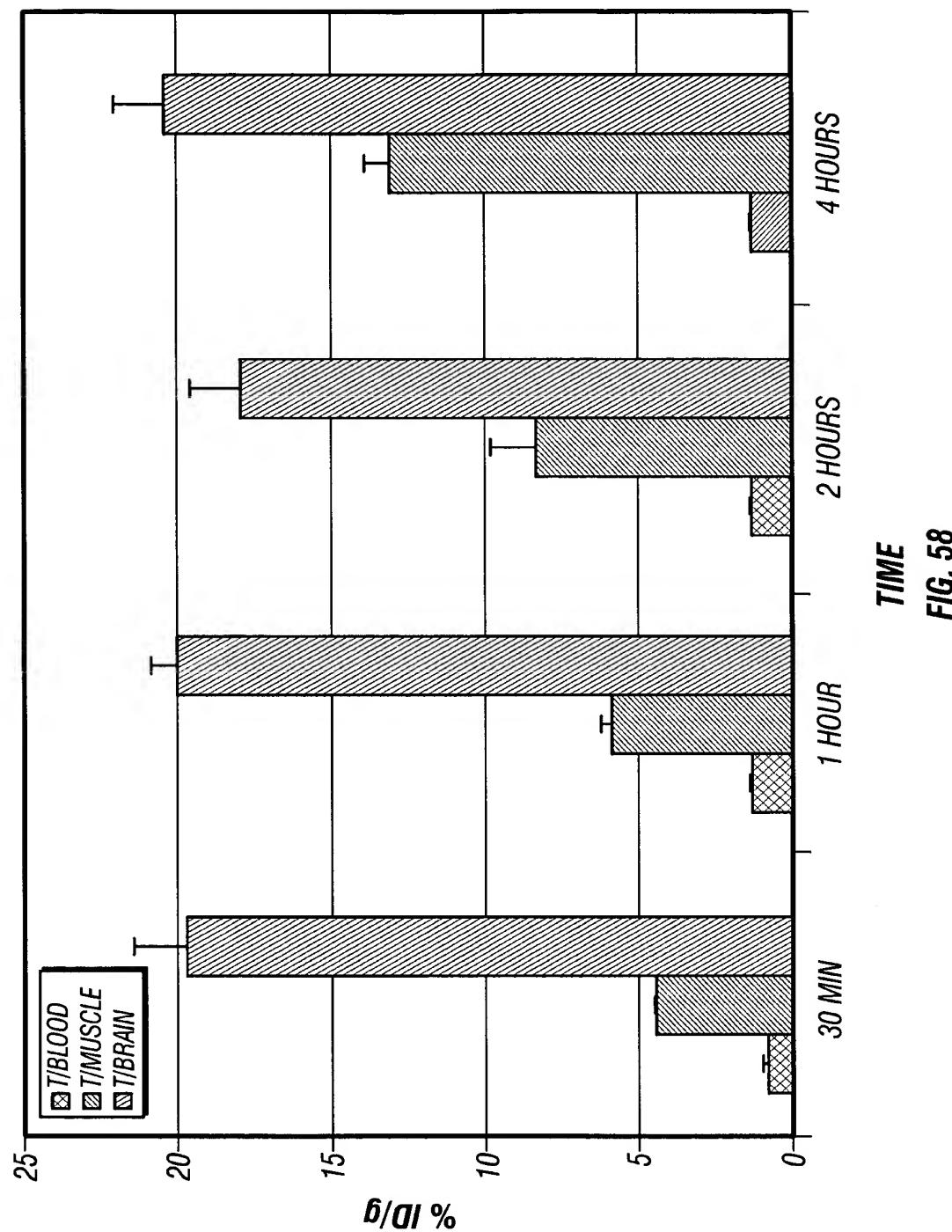


FIG. 58

Inventor: David J. Yang et al.

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and Methods for Tissue Specific Disease Imaging

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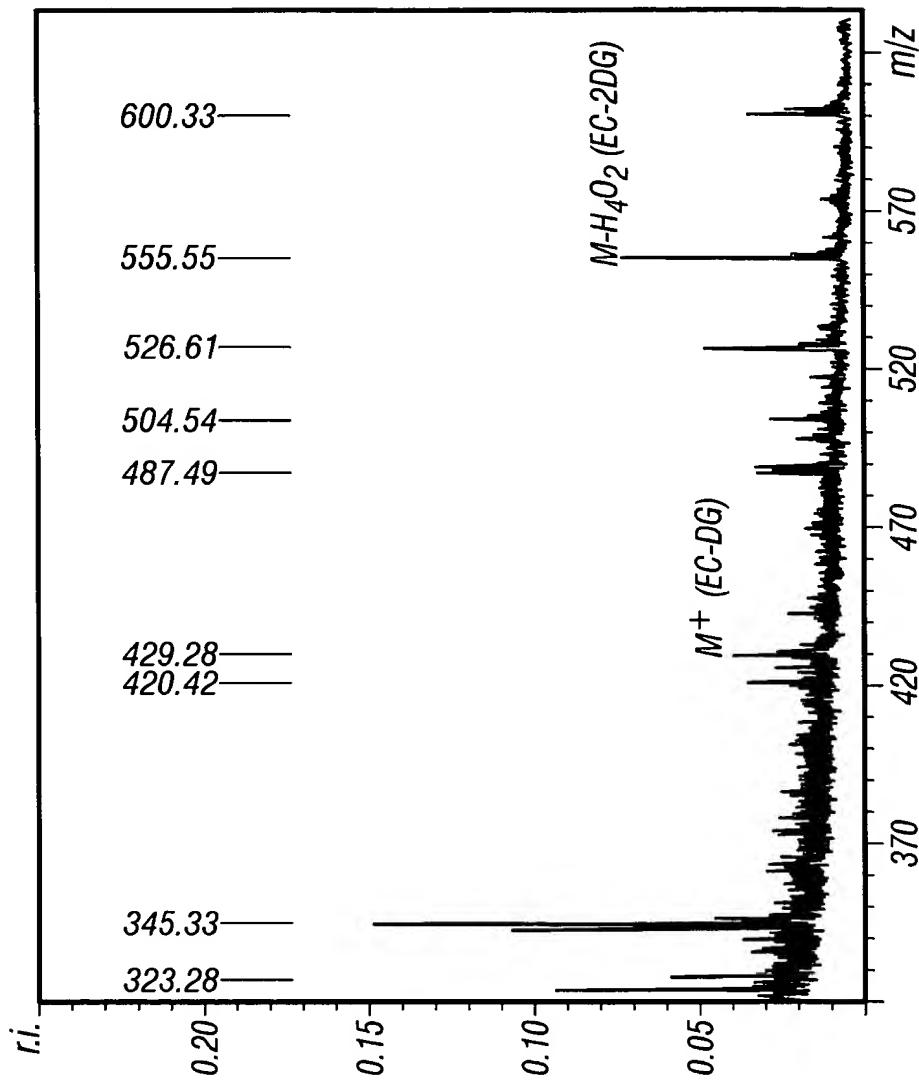


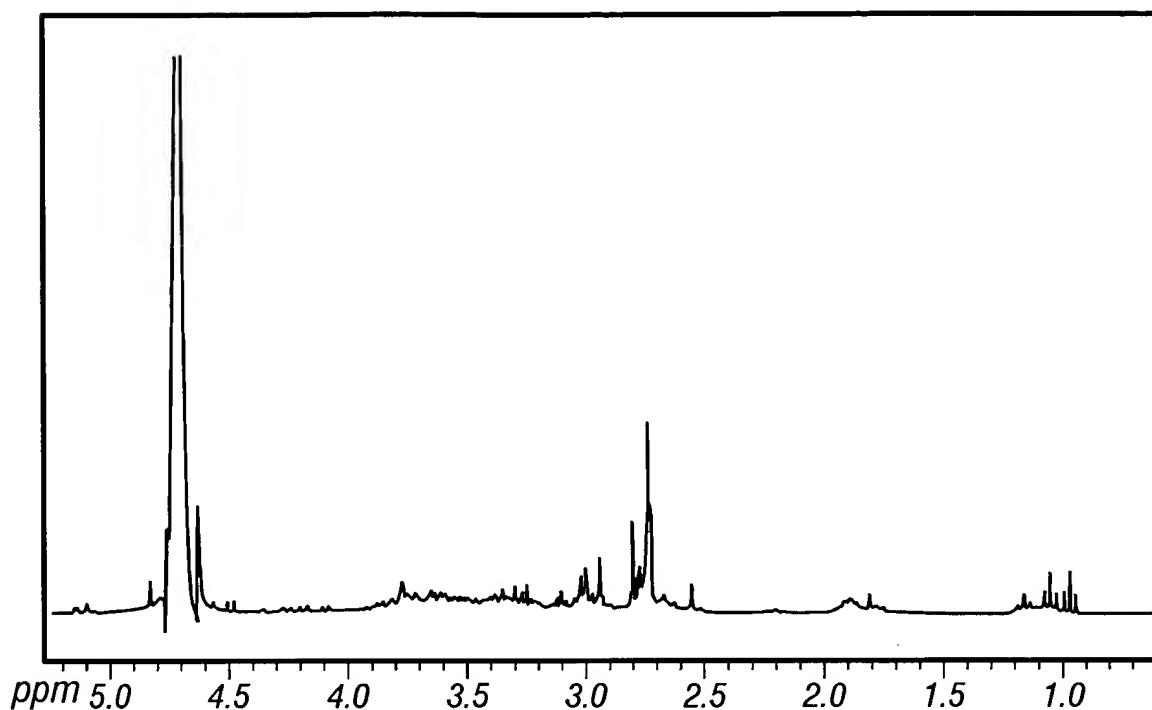
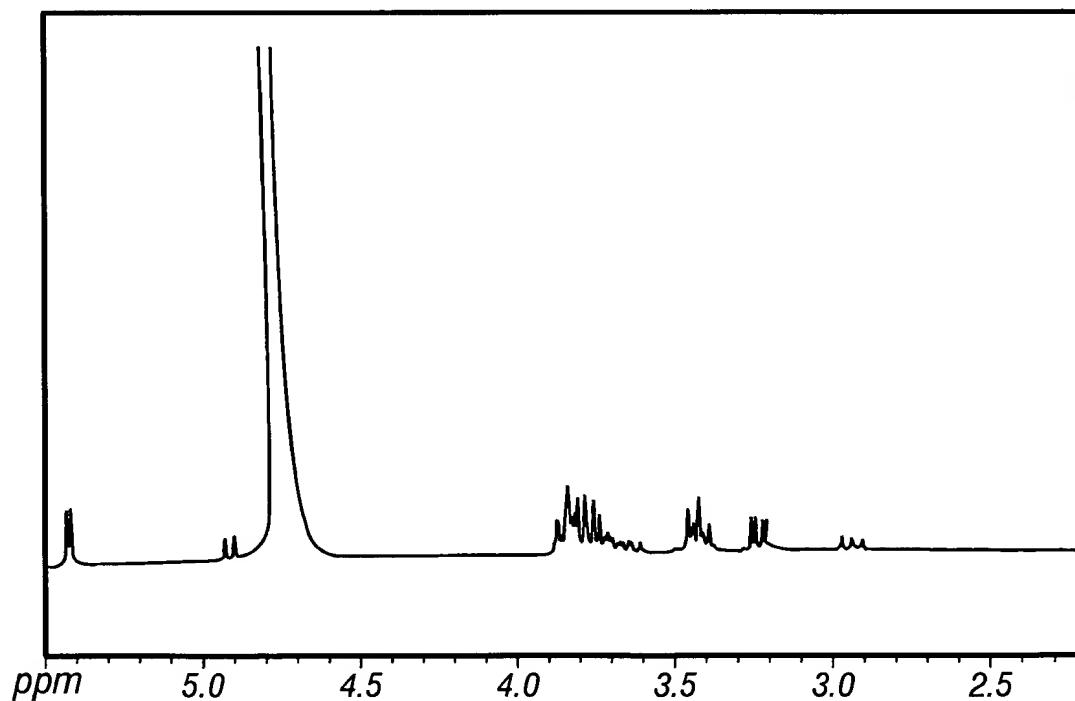
FIG. 60

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Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions
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62/89**FIG. 61****FIG. 62**

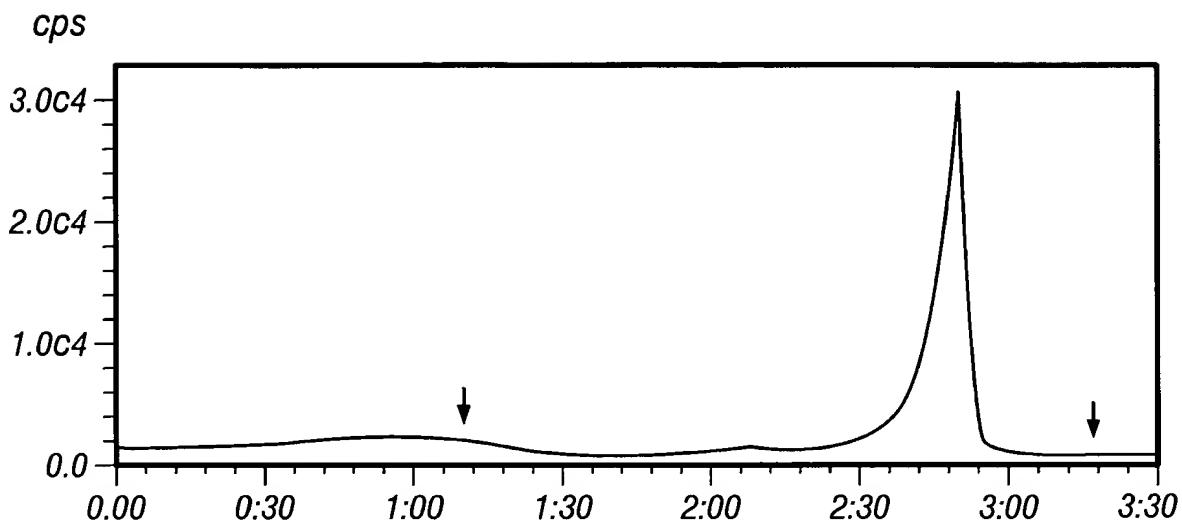
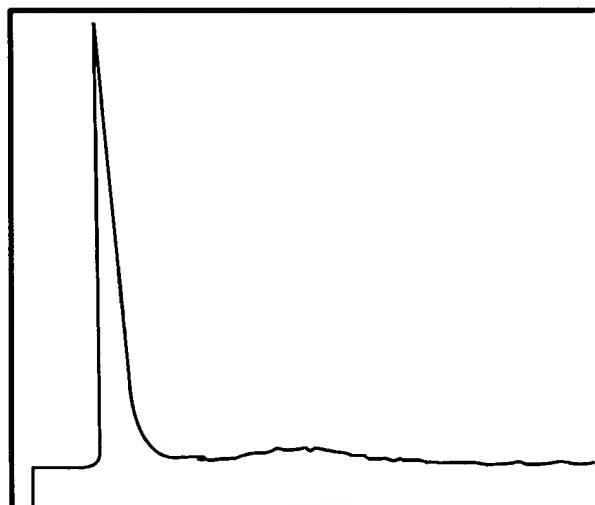
Inventor: David J. Yang et al.

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63/89**FIG. 63****FIG. 64A**

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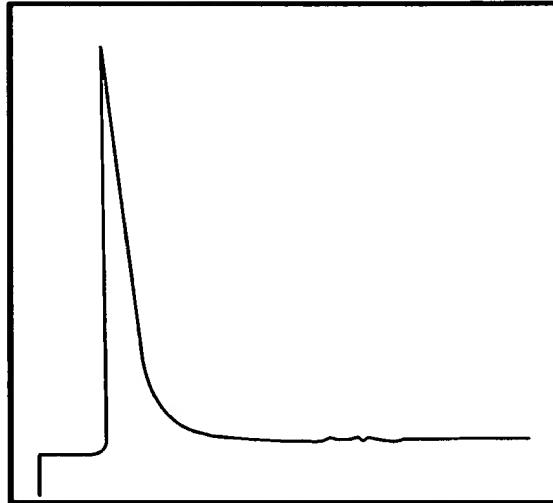


FIG. 64B

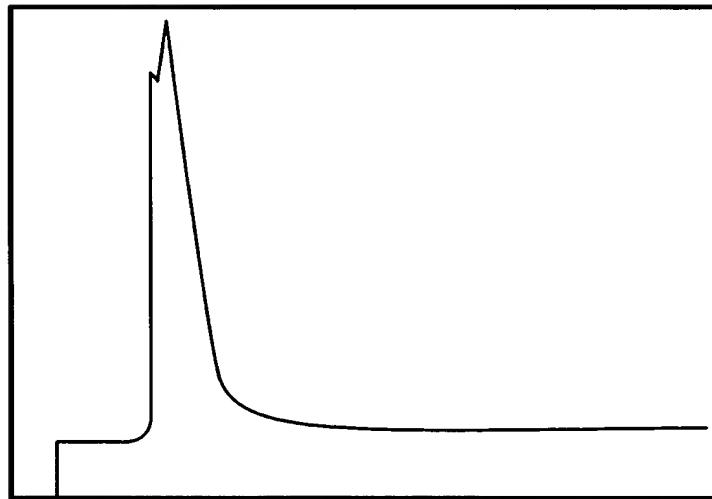


FIG. 65

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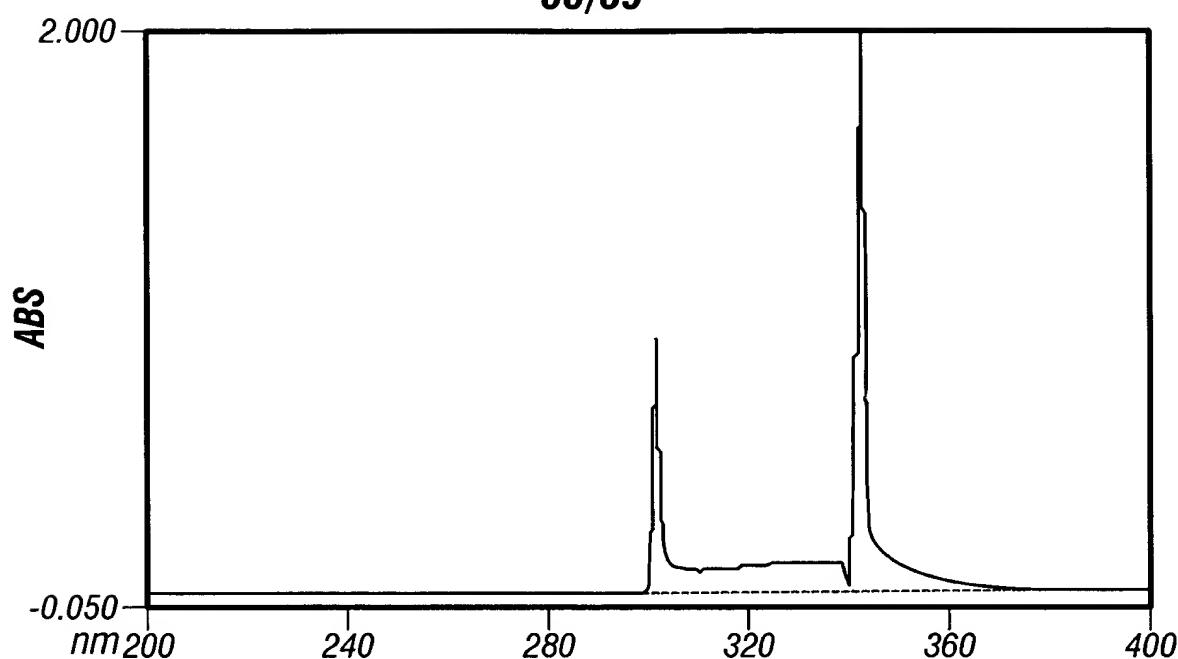


FIG. 66

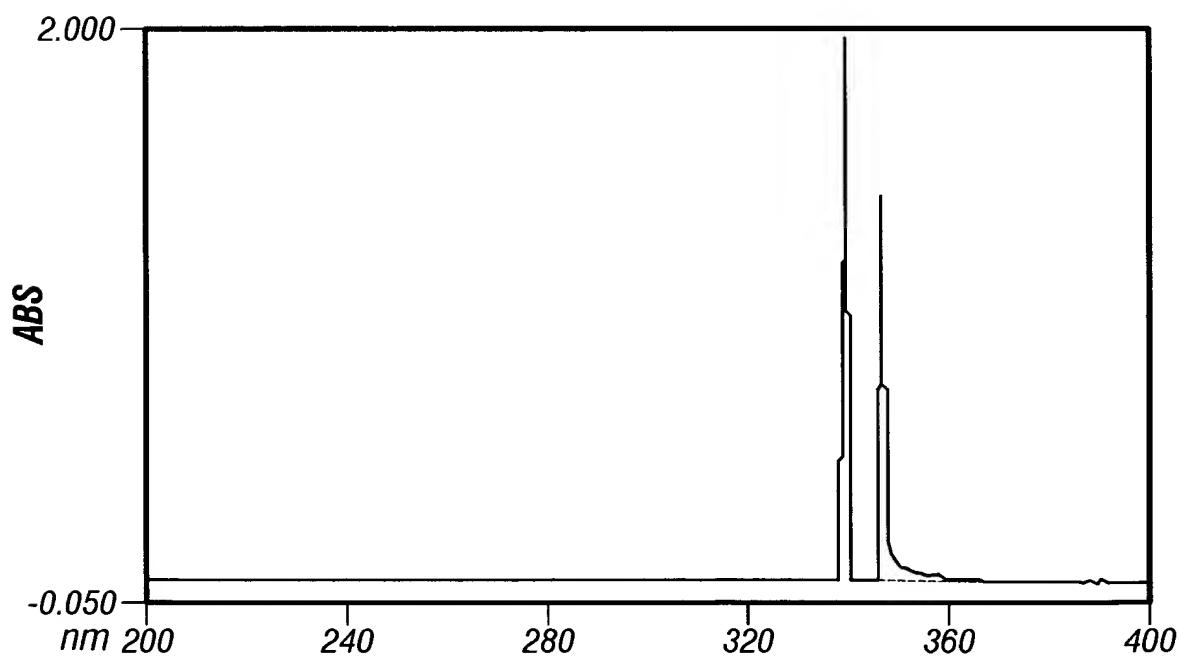


FIG. 67

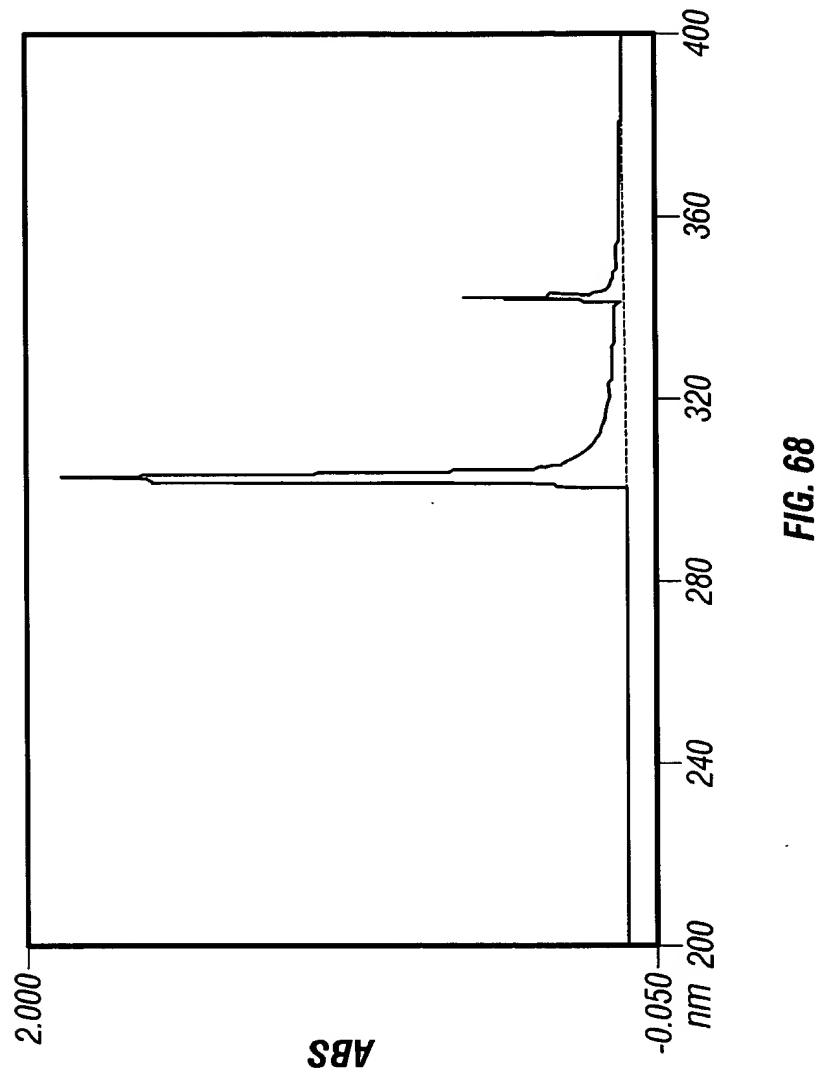
Inventor: David J. Yang et al.

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66/89**FIG. 68**

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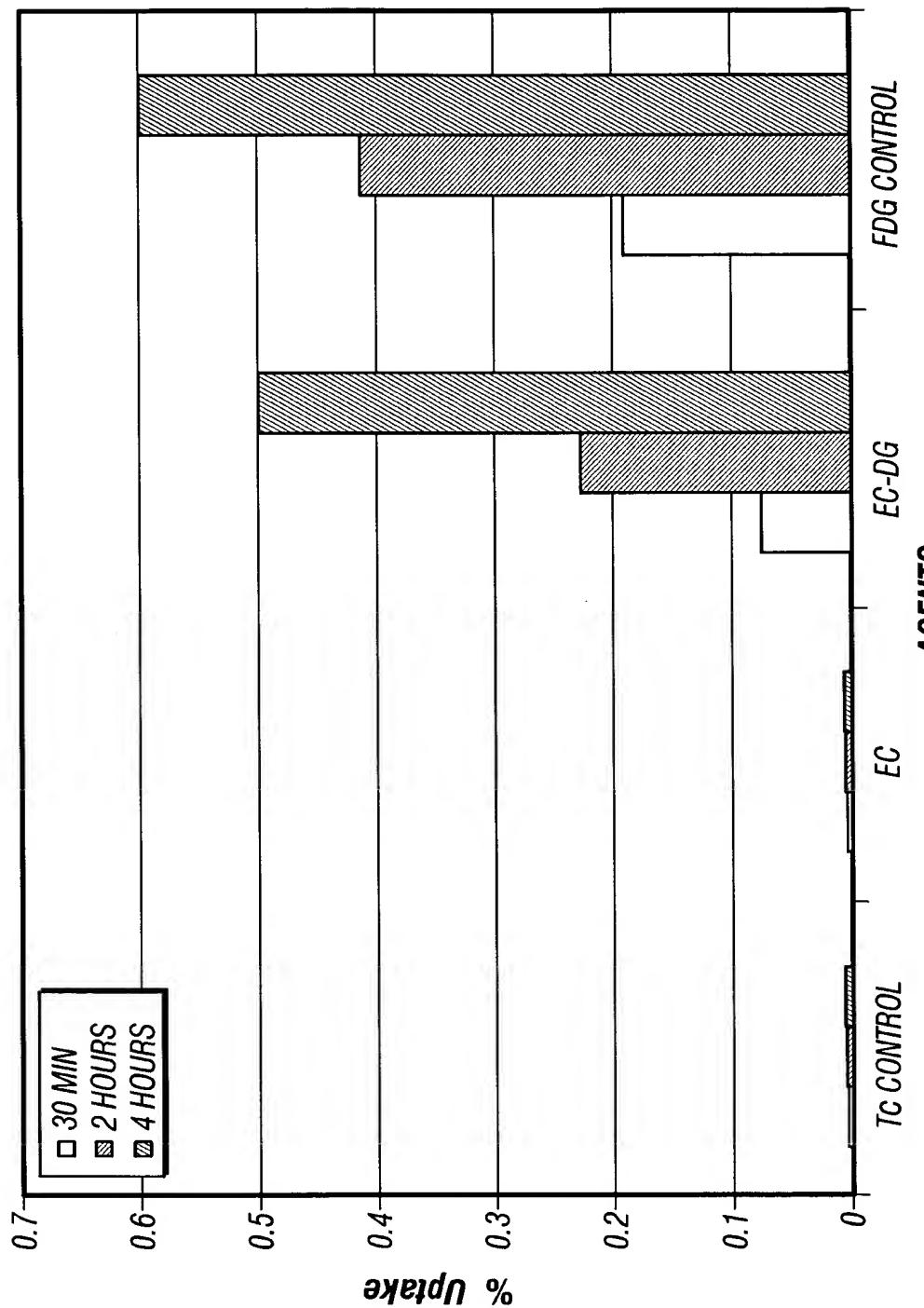


FIG. 69

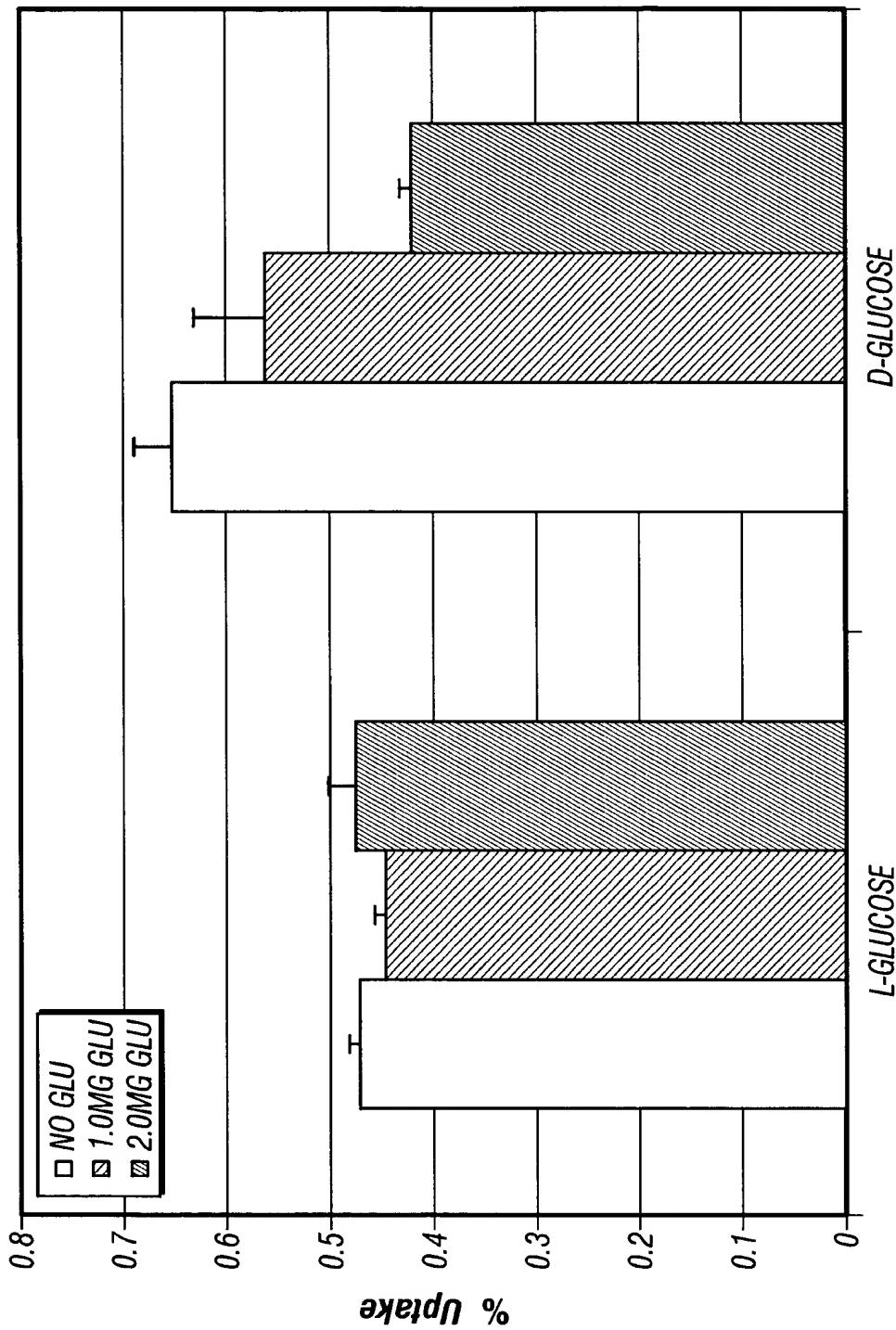
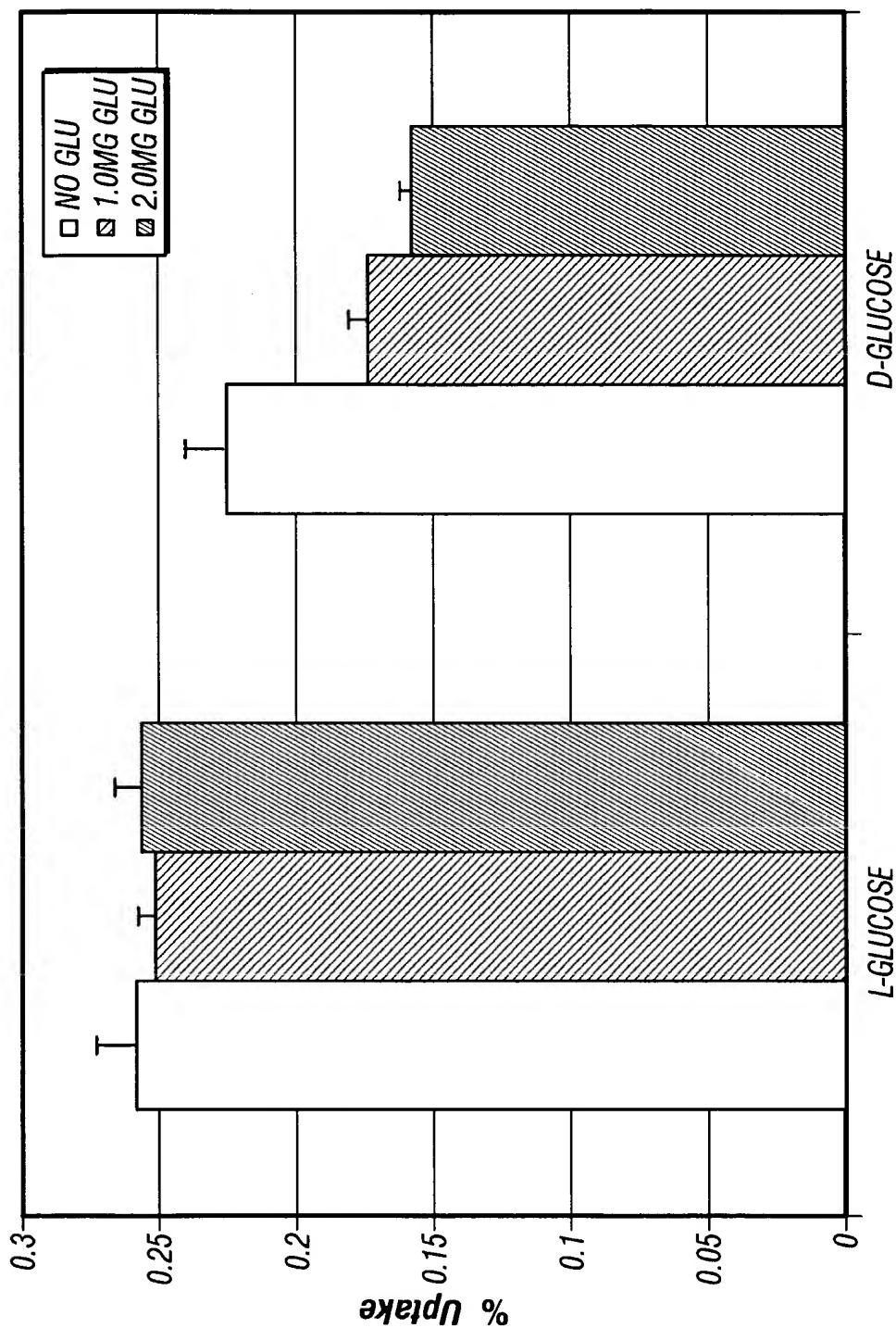
68/89*Glucose Isomer*

FIG. 70

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Glucose Isomer
FIG. 71

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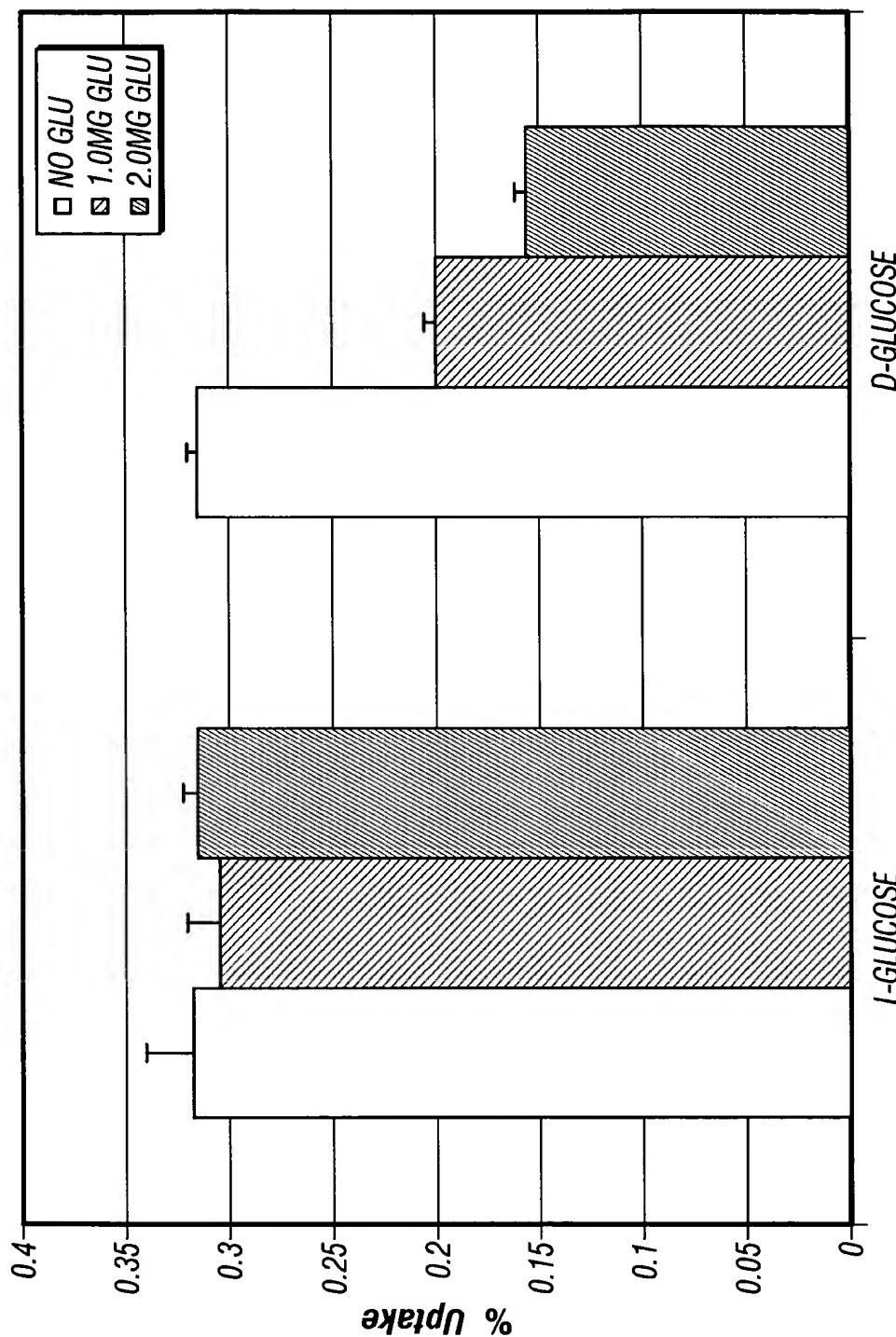
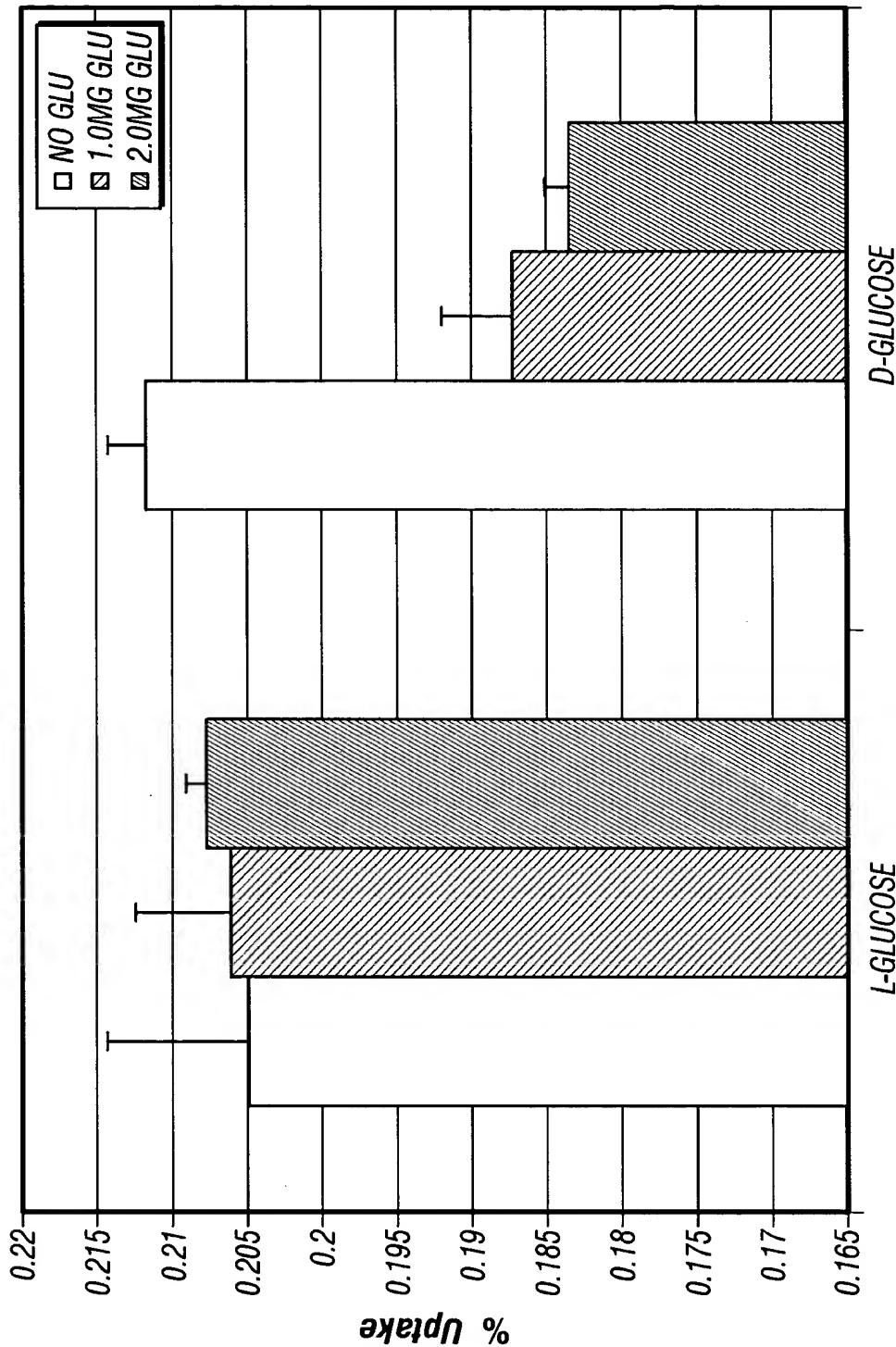
*Glucose Isomer*

FIG. 72

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Glucose Isomer

FIG. 73

Inventor: David J. Yang et al.

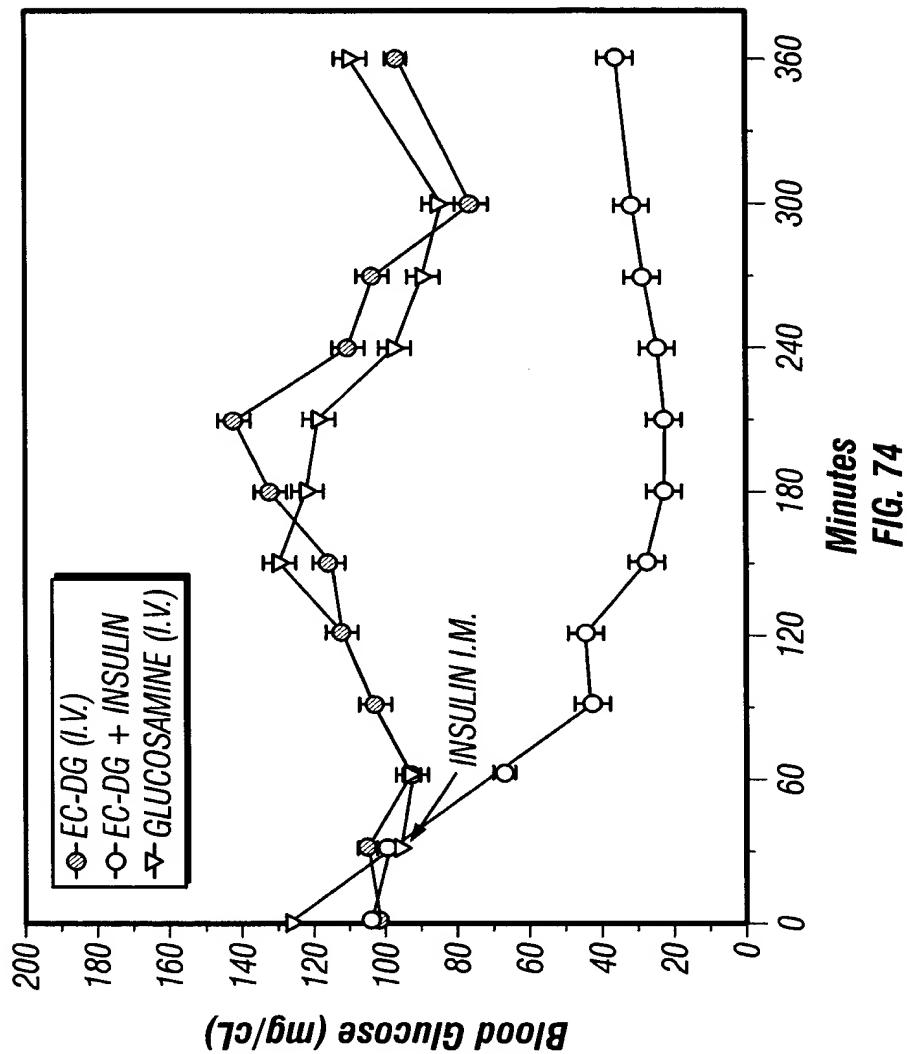
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Inventor: David J. Yang et al.

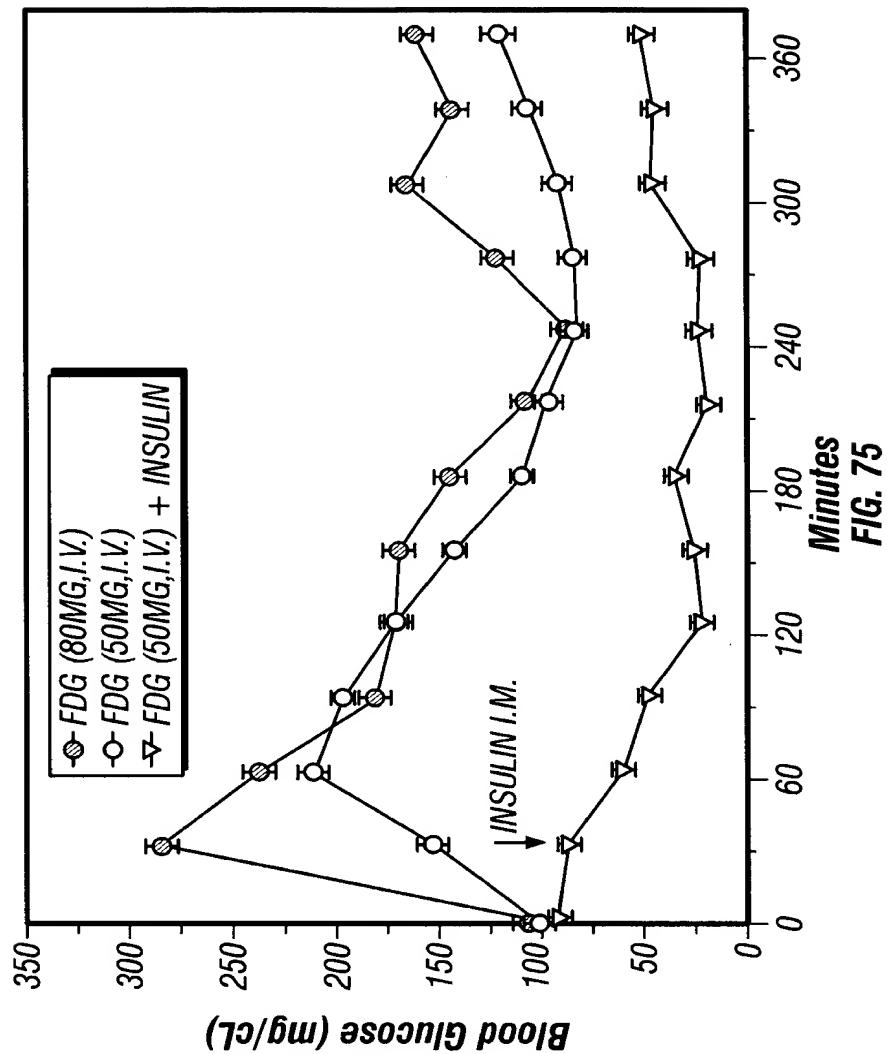
Serial No. 09/599,152

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

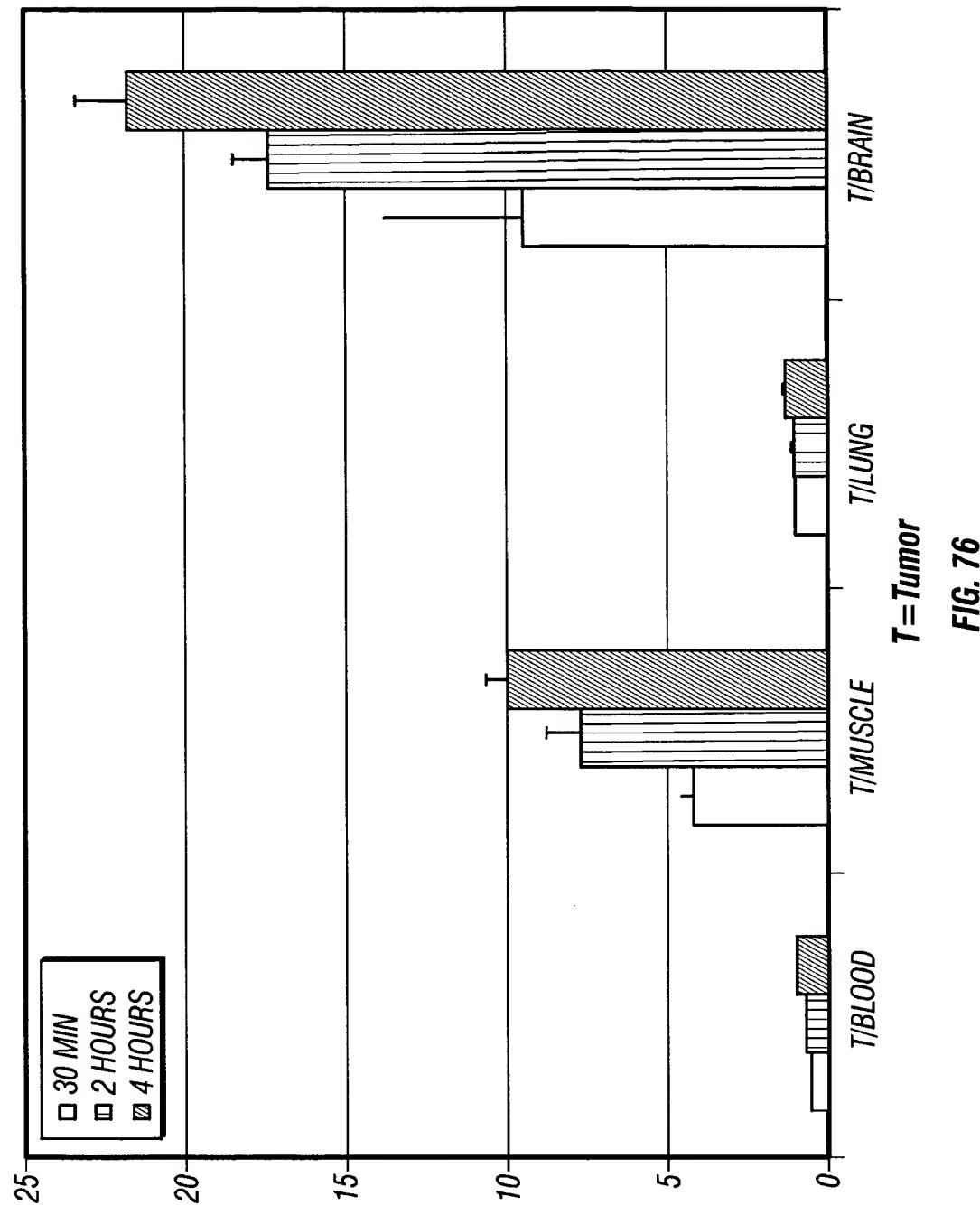
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Inventor: David J. Yang et al.

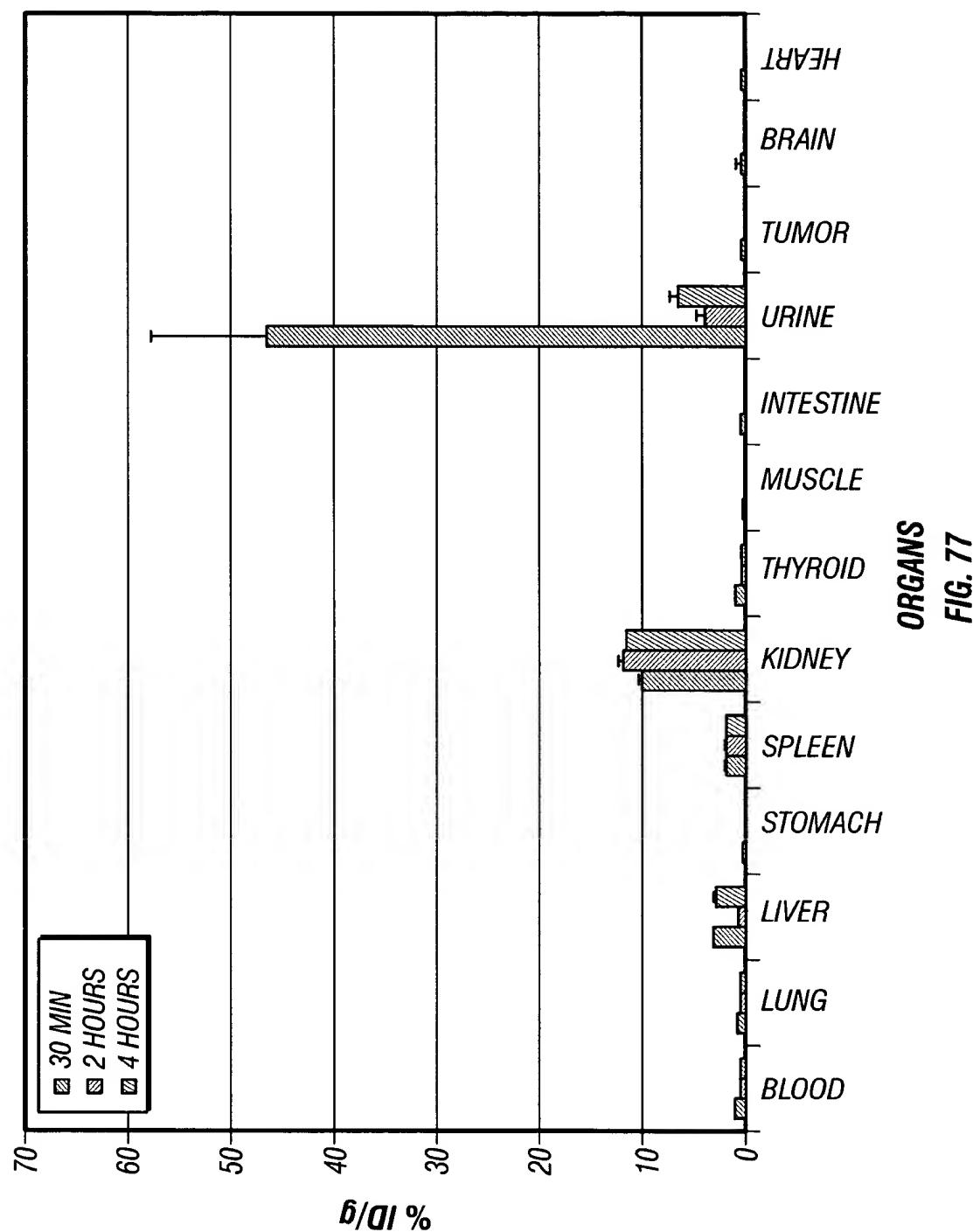
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and Methods for Tissue Specific Disease Imaging
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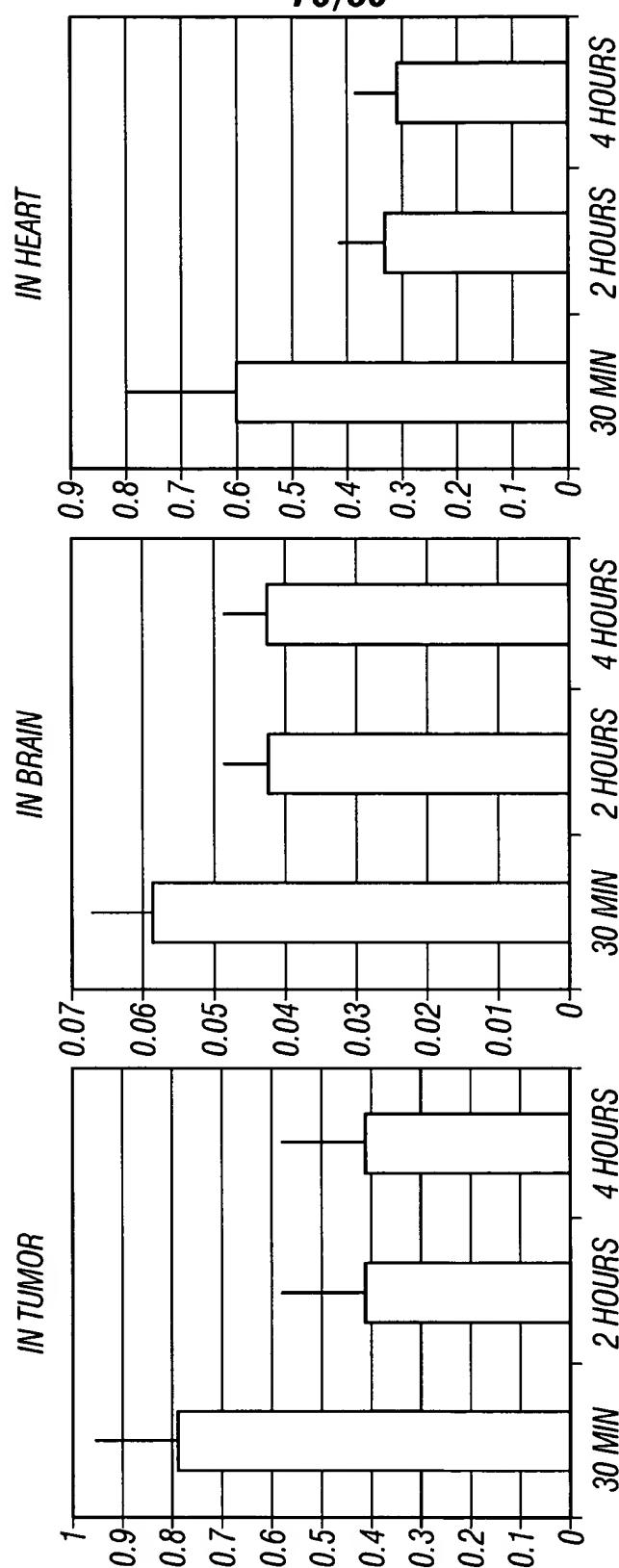


FIG. 78

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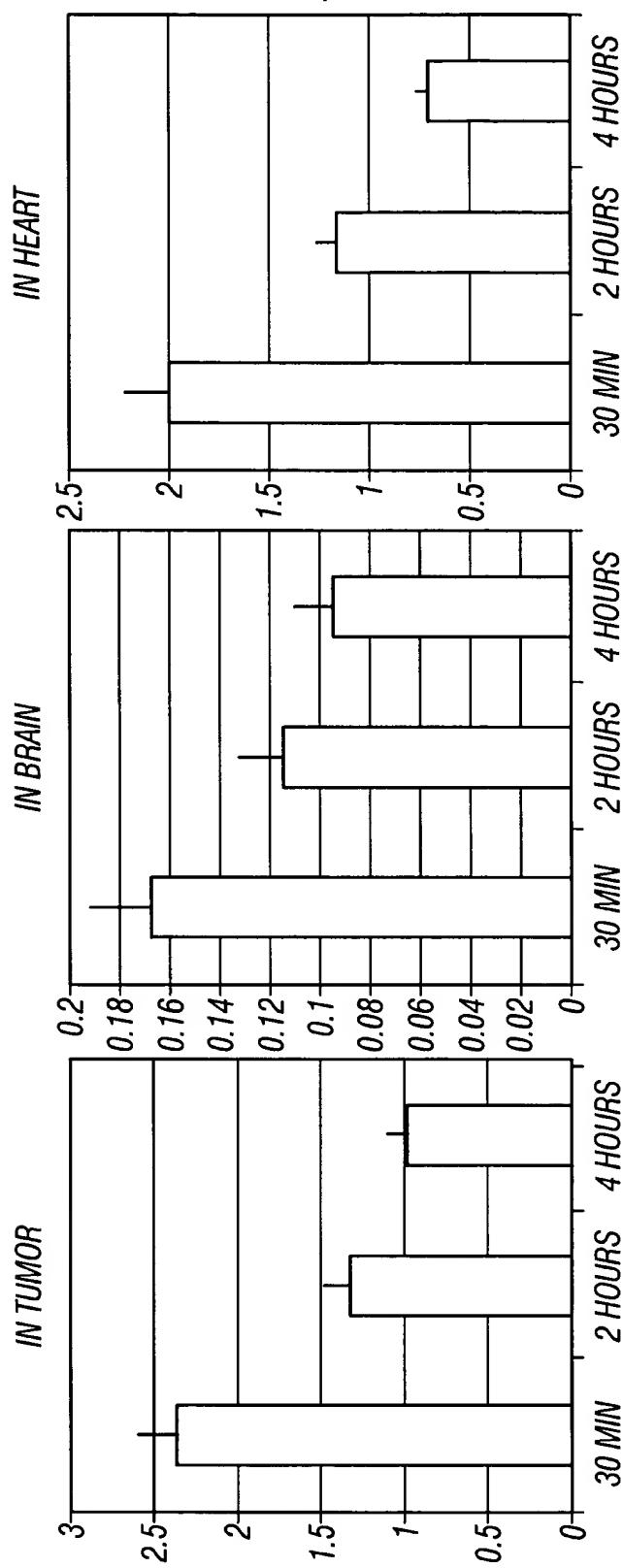


FIG. 79

Inventor: David J. Yang et al.

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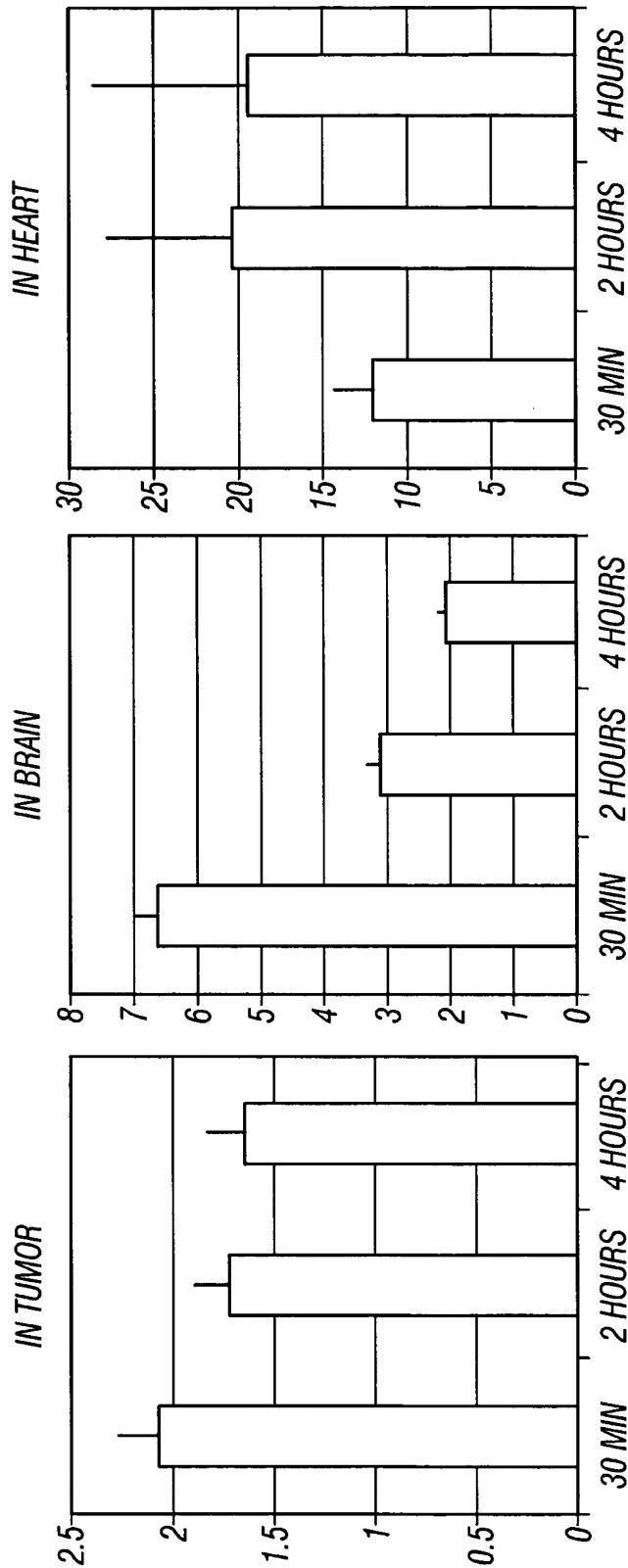


FIG. 80

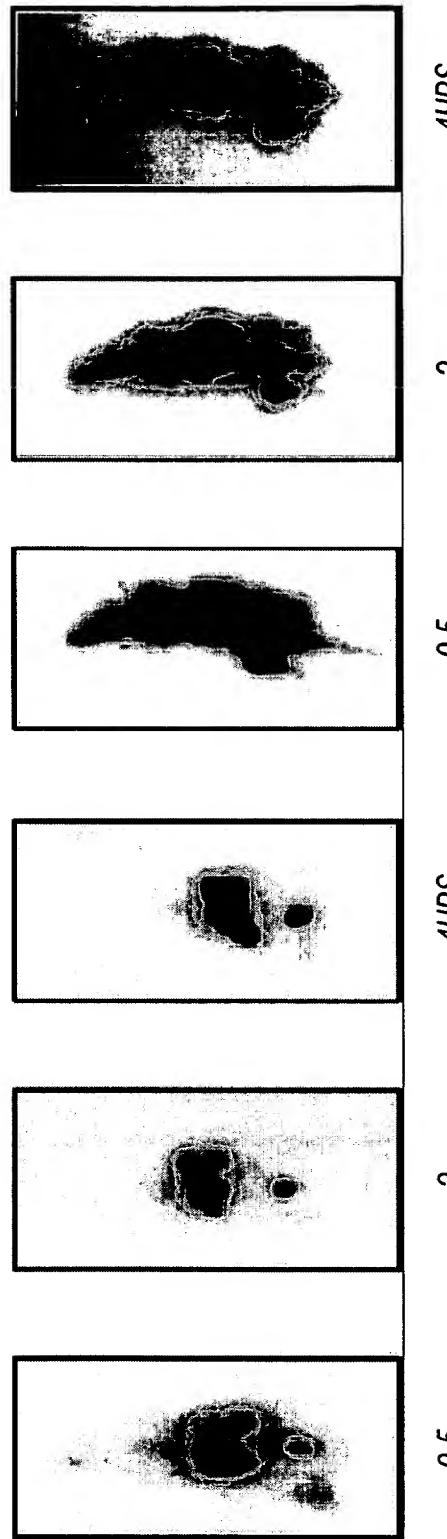
Inventor: David J. Yang et al.

Serial No. 09/599,152

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79/89***99m Tc-EC-Glucose(6)******FIG. 81***

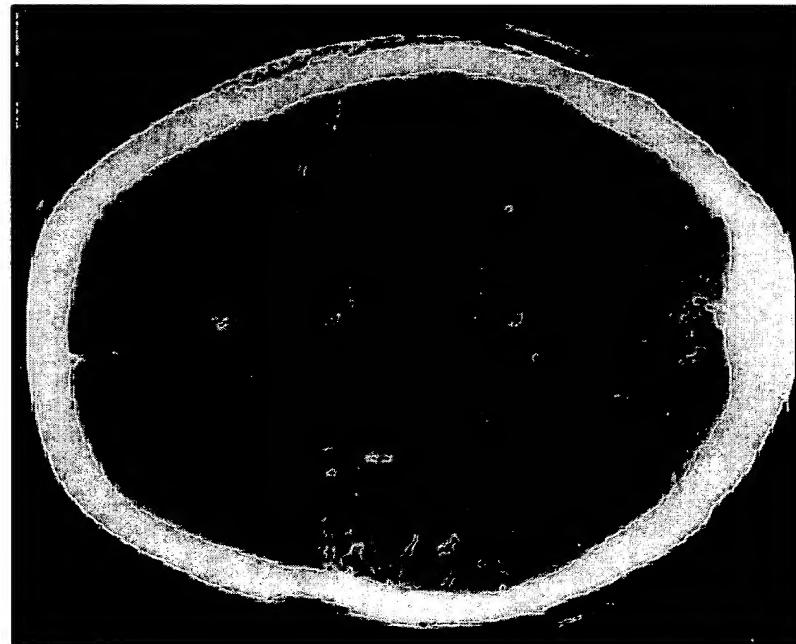
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and Methods for Tissue Specific Disease Imaging
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POST OP

FIG. 82A



PRE OP

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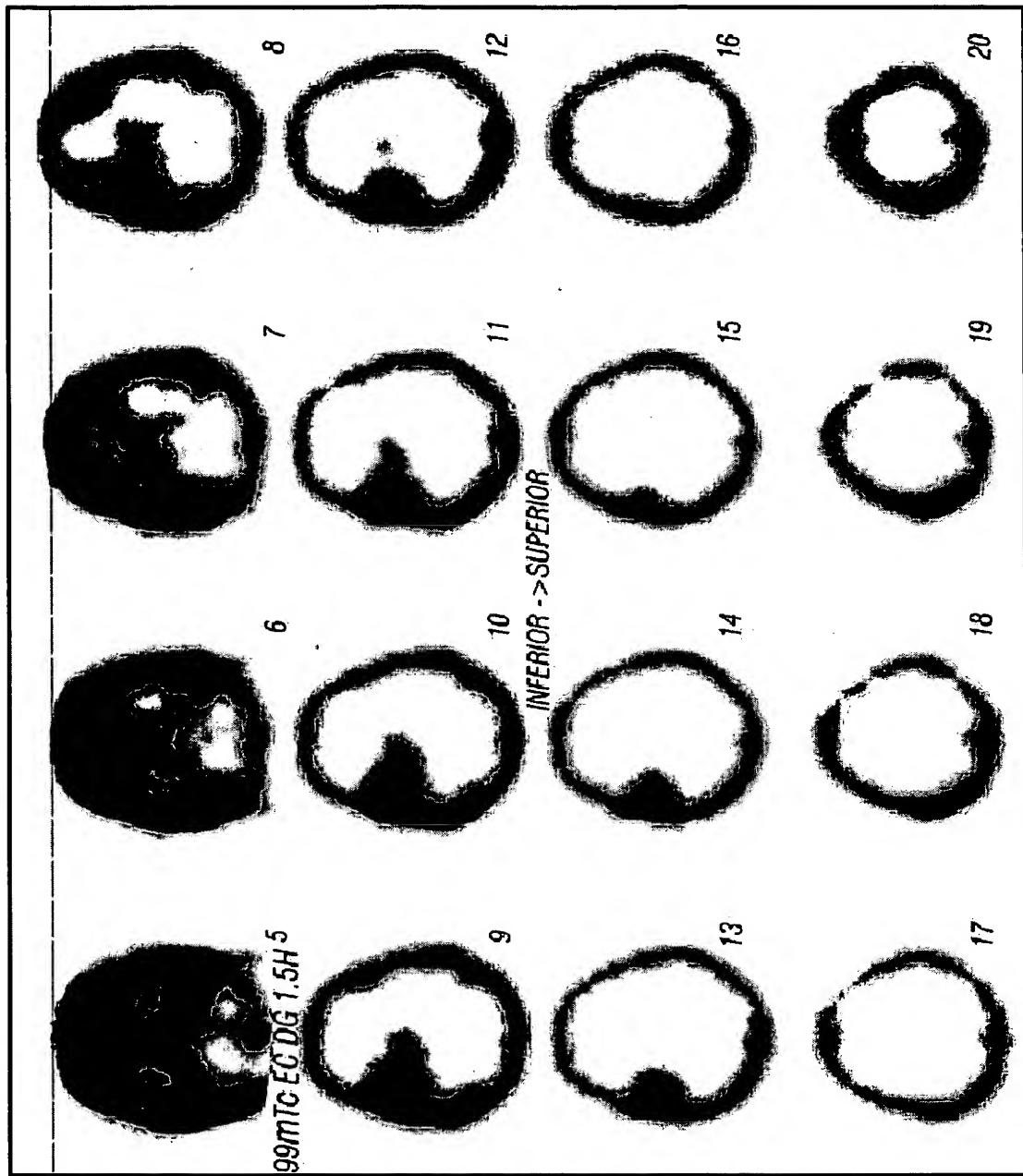


FIG. 82B

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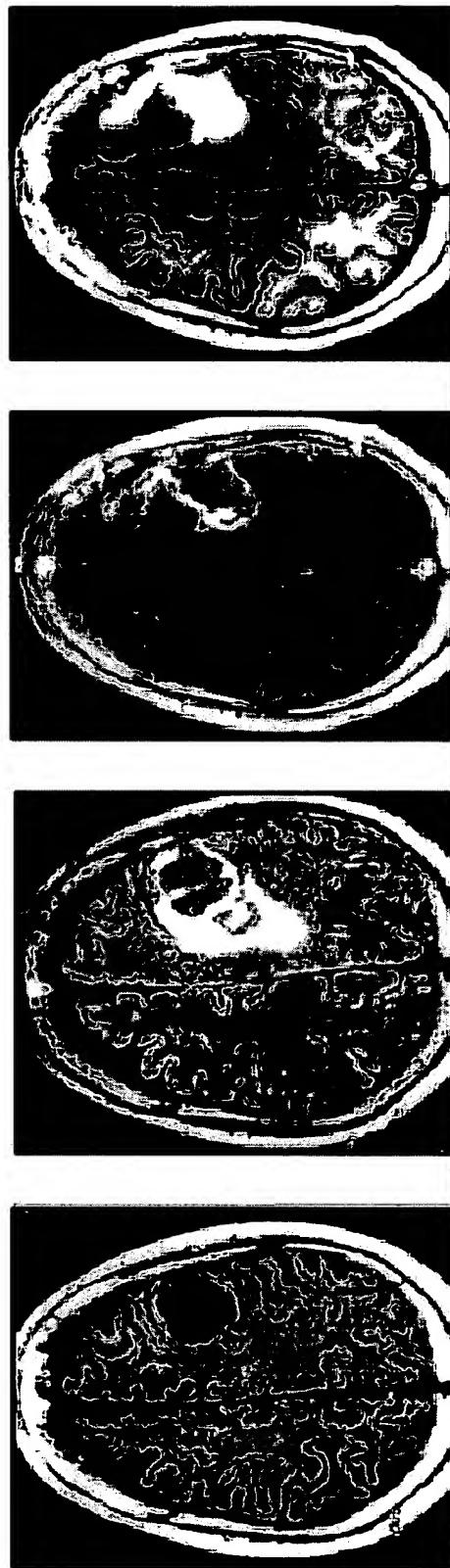


FIG. 83A

POST-OP

PRE-OP

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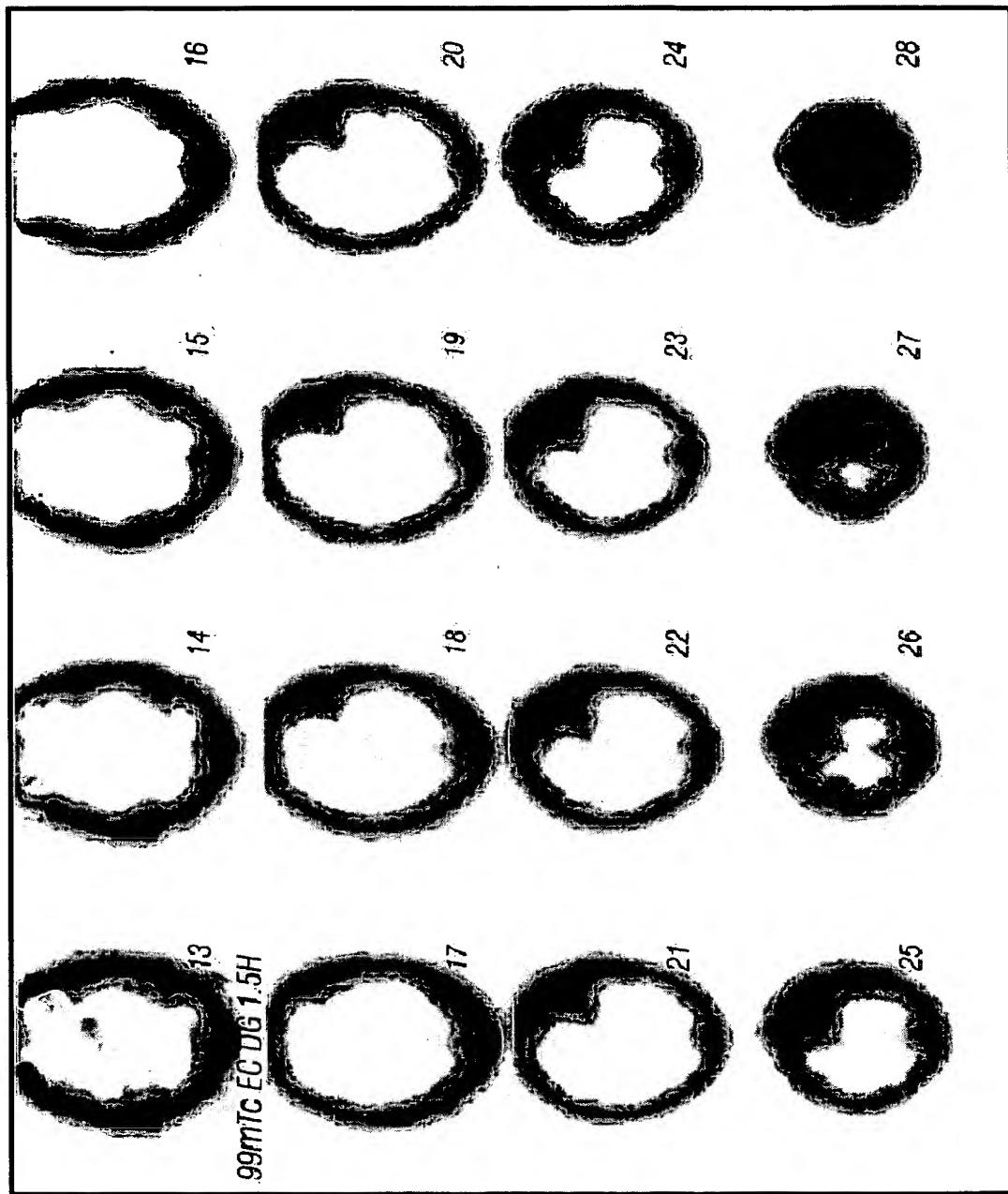


FIG. 83B

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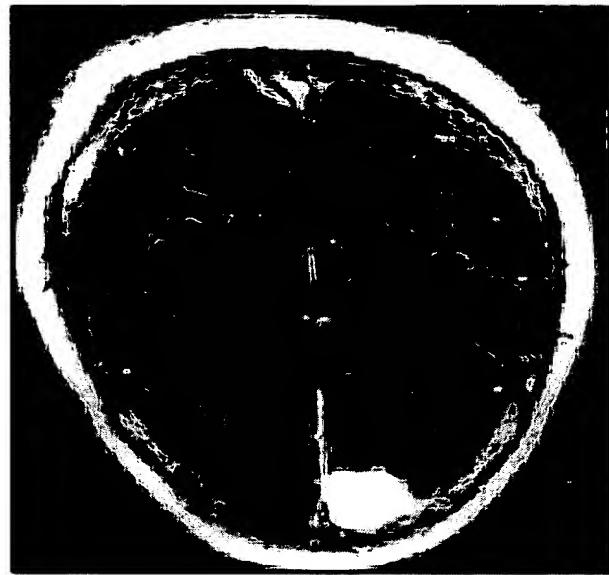


FIG. 84A

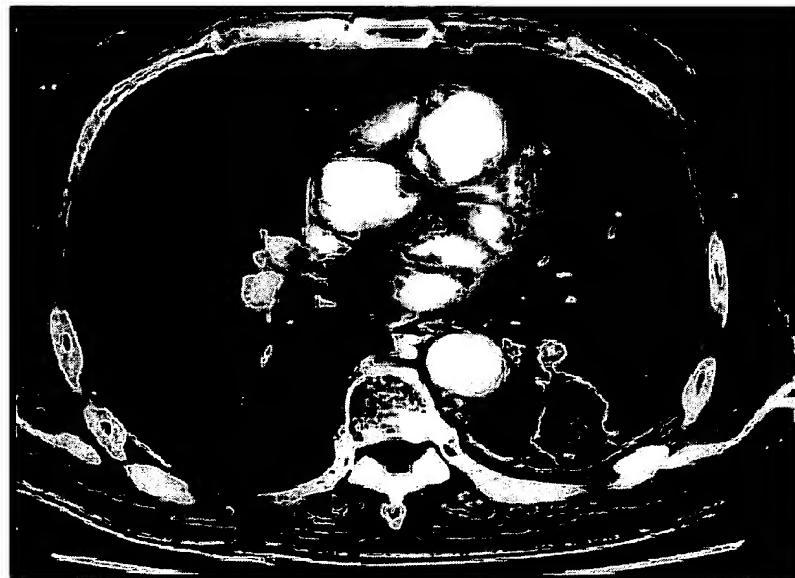


FIG. 85A

Inventor: David J. Yang et al.

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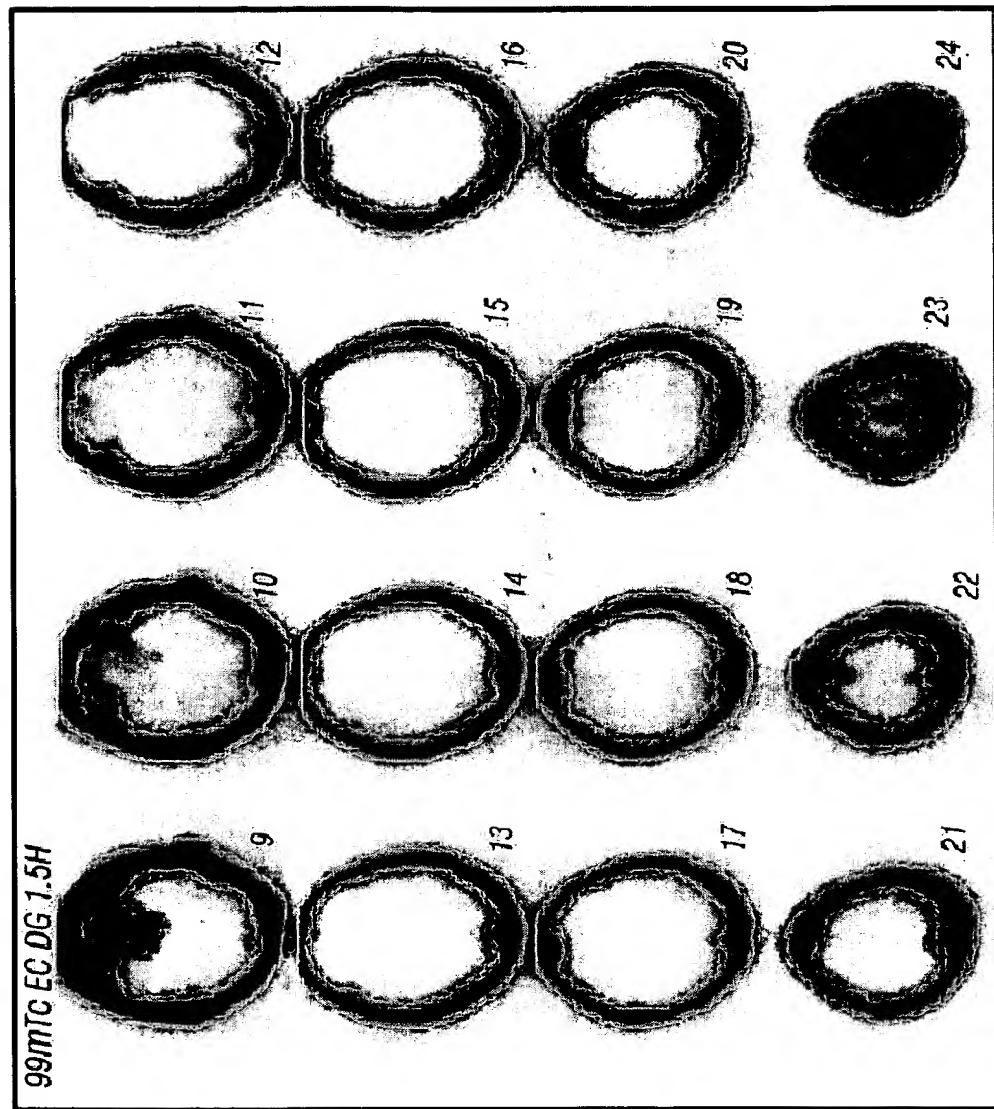


FIG. 84B

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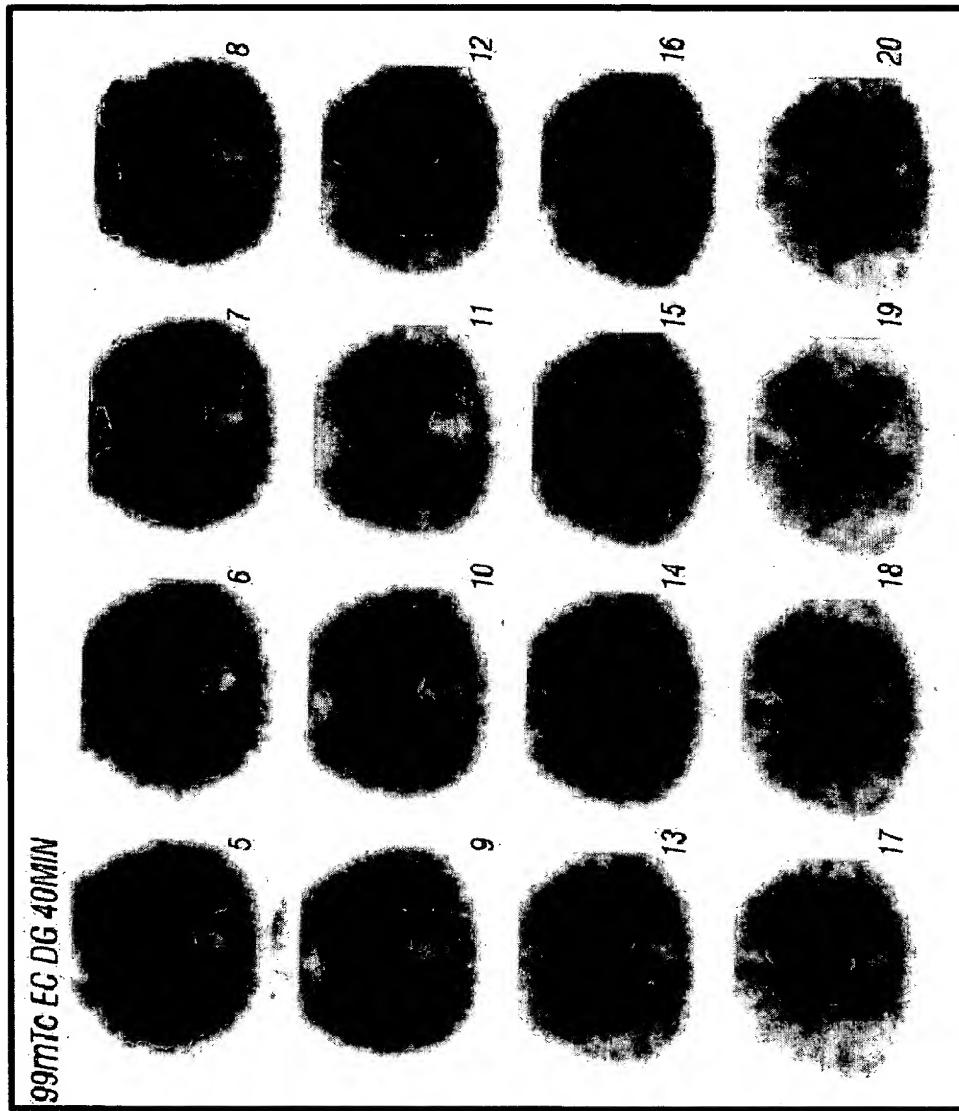


FIG. 85B

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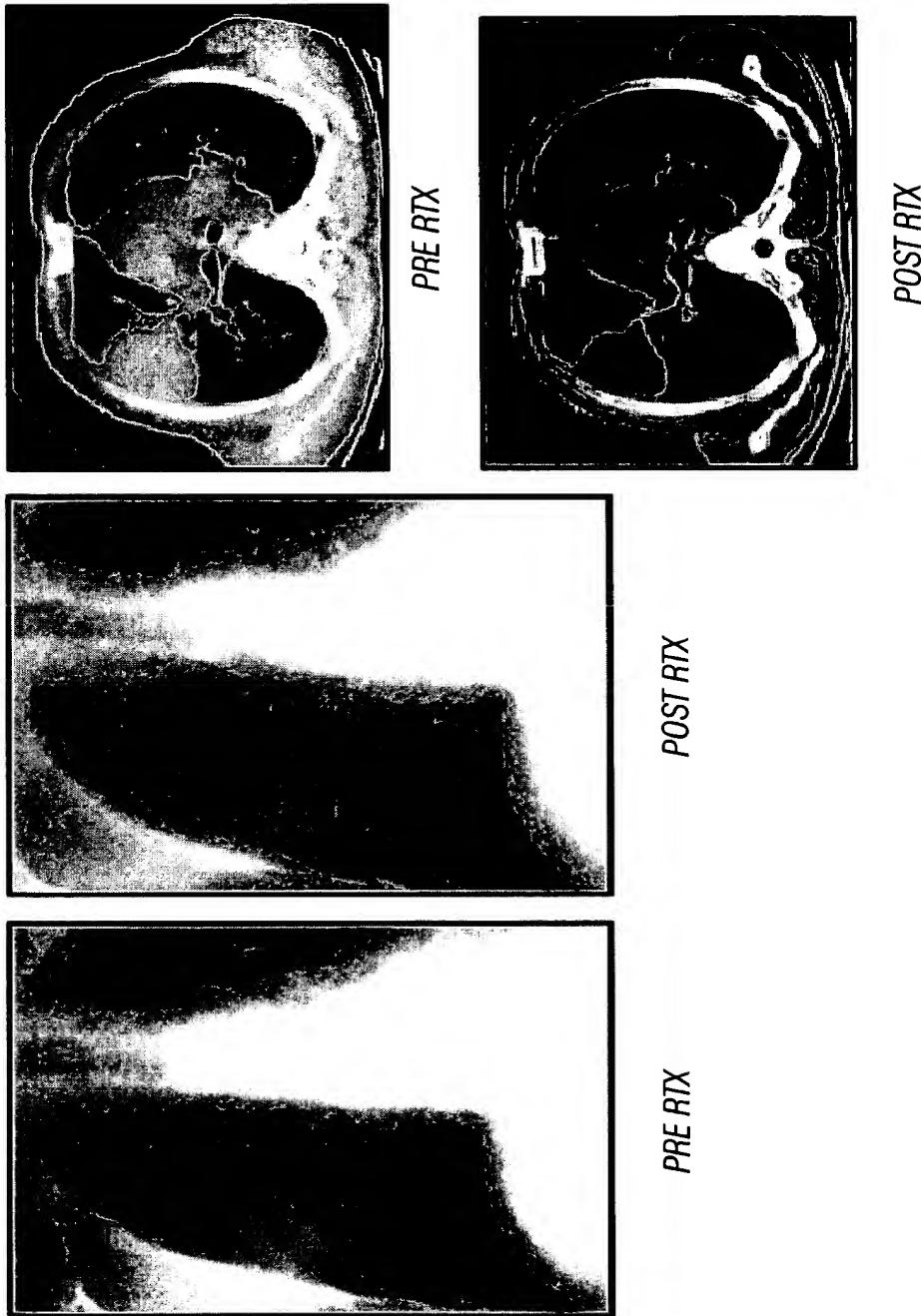


FIG. 86A

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions
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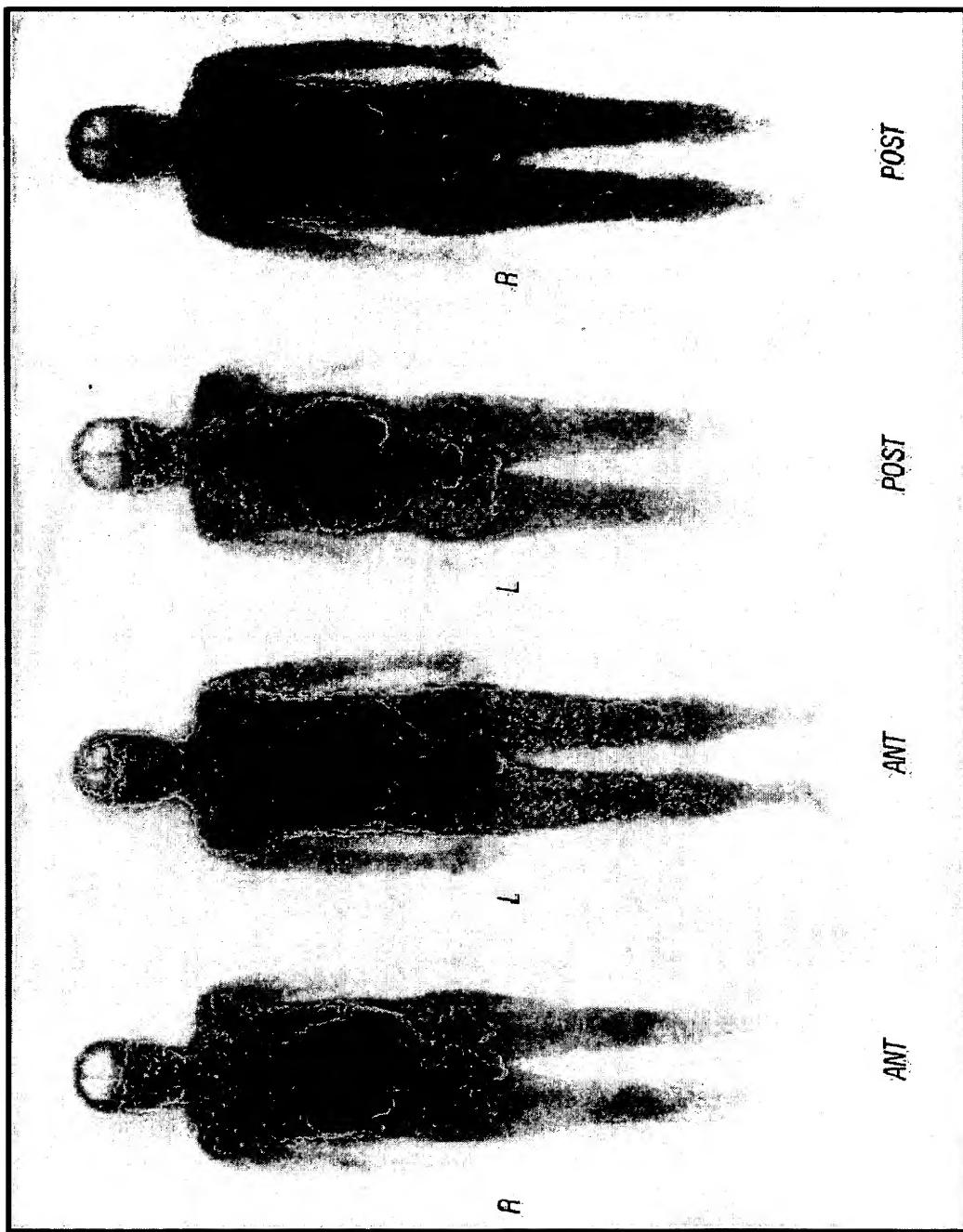


FIG. 86B

Inventor: David J. Yang et al.

Serial No. 09/599,152

Title: Ethylenedicycsteine (EC)-Drug Conjugates, Compositions

and Methods for Tissue Specific Disease Imaging

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89/89

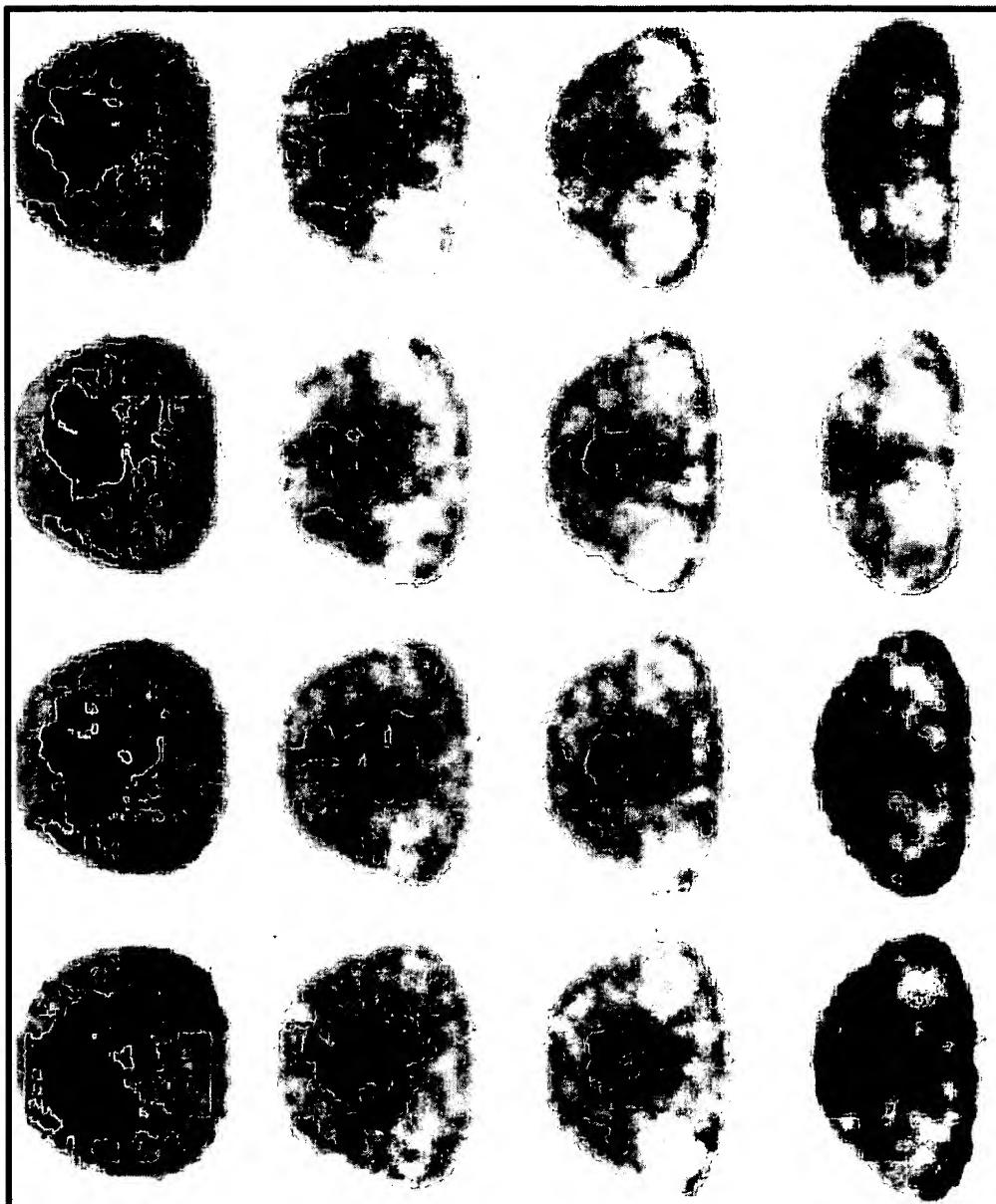


FIG. 86C

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